

# REGENT / 500 SERIES

## LAWN TRACTORS & MOWER DECKS

### 12.5HP GEAR TRACTORS

Mfg. No.	Description
1692160	Regent 12.5HP Gear
1692166	512G, 12.5HP Gear

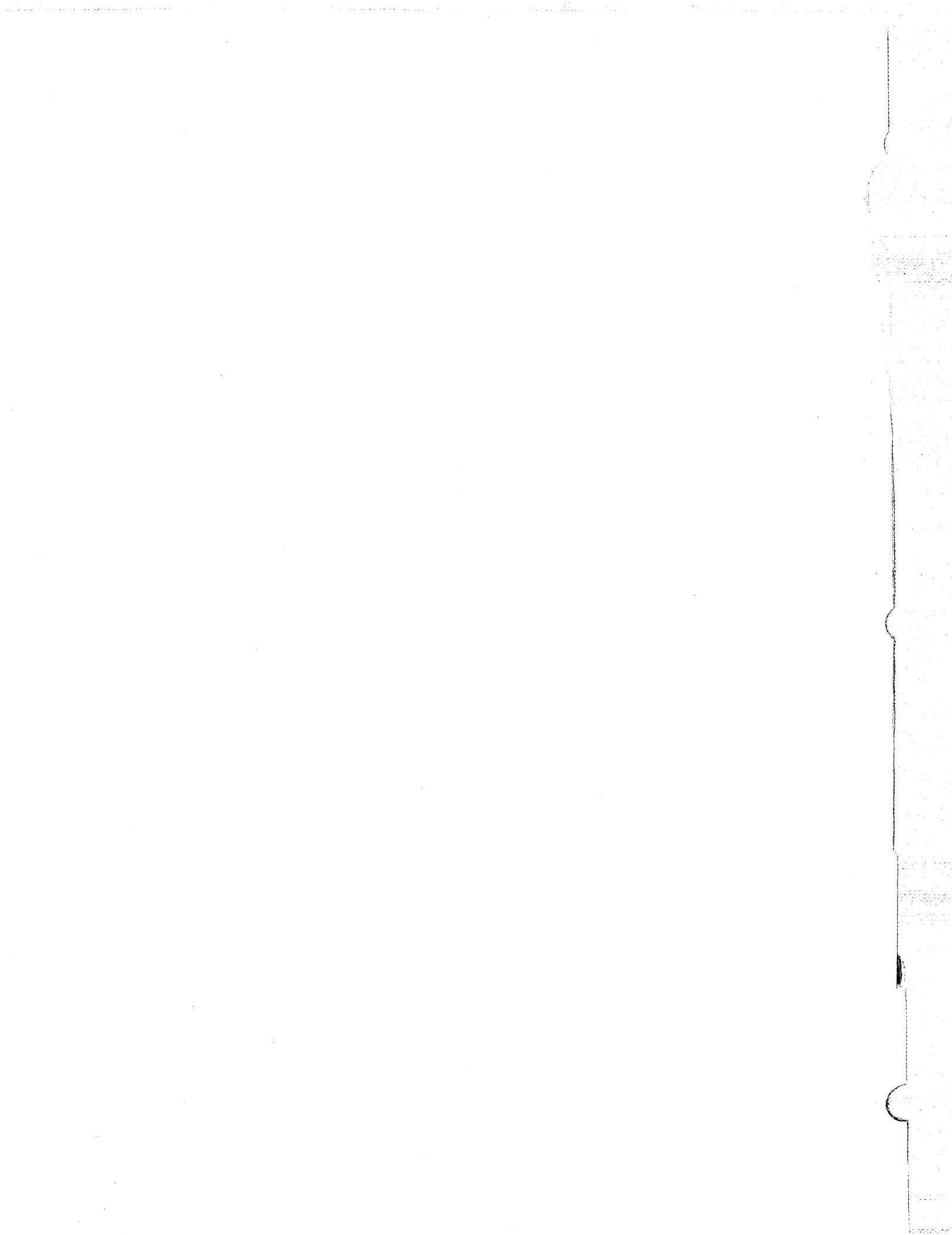
### 36" MOWER DECKS

1691419	36" Mower Deck
1691420	36" Mower Deck

### 12.5HP HYDRO TRACTORS

Mfg. No.	Description
1692156	Regent 12.5HP Hydro
1692164	512H, 12.5HP Hydro
1692259	Regent 12.5HP Hydro
1692263	512H, 12.5HP Hydro





# Table of Contents

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<b>FRAME GROUP .....</b>	<b>4</b>
Frame, Wrapper; Draw Bar; Footrest; Supports; Lift Handle; PTO Assy.; Up-Stops; Latch Assy.	
<b>FRONT AXLE GROUP .....</b>	<b>8</b>
Brake Lever Assy.; Support Assy.; Axle Assy.; Spindles; Tie Rod; Grease Fittings	
<b>STEERING GROUP .....</b>	<b>10</b>
Steering Plate; Steering Wheel; Ball Joint Assy.; Drag Link Assy.; Hub Caps	
<b>ENGINE GROUP .....</b>	<b>12</b>
Choke Control; Engine; Engine Pulley Assy.; Muffler Extension Assy.; Oil Drain Pipe	
<b>GEAR TRANSMISSION GROUP - Peerless Model 930-039</b>	
(Mfg. Nos. 1692160, 1692166) .....	14
Transmission Support; "V" Belt; Shift Rod	
<b>HYDRO TRANSMISSION GROUP 1 - Hydro Gear/Agrifab Model 219-1010S</b>	
(Mfg. Nos. 1692156, 1692164) .....	16
Transmission Support; "V" Belt; Shift Rod	
<b>HYDRO TRANSMISSION GROUP 2 - Hydro Gear/Agrifab Model 219-1010S</b>	
(Mfg. Nos. 1692156, 1692164) .....	18
Transmission Support; "V" Belt; Shift Rod	
<b>HYDRO LINKAGE &amp; CONTROL GROUP - Used With Hydro Gear/Agrifab Model 219-1010S</b>	
(Mfg. Nos. 1692156, 1692164) .....	20
Neutral Handle, Control Assy., Quadrant, Support	
<b>HYDRO TRANSMISSION GROUP - Hydro Gear Model 318-0500</b>	
(Mfg. Nos. 1692259, 1692263) .....	22
Transmission Support; "V" Belt; Shift Rod	
<b>HYDRO LINKAGE &amp; CONTROL GROUP - Used With Hydro Gear Model 318-0500</b>	
(Mfg. Nos. 1692259, 1692263) .....	24
Neutral Handle, Control Assy., Quadrant, Support	
<b>GEAR BRAKE &amp; CLUTCH (Mfg. Nos. 1692160, 1692166) .....</b>	<b>26</b>
Clutch Arm Assy.; Idler Pulley; Springs & Guides; Brake Rod & Guide; Foot Pedal	
<b>HYDRO BRAKE &amp; CLUTCH - Used With Hydro Gear/Agrifab Model 219-1010S</b>	
(Mfg. Nos. 1692156, 1692164) .....	28
Clutch Arm Assy.; Idler Pulley; Springs & Guides; Brake Rod & Guide; Foot Pedal	
<b>HYDRO BRAKE &amp; CLUTCH - Used With Hydro Gear Model 318-0500</b>	
(Mfg. Nos. 1692259, 1692263) .....	30
Clutch Arm Assy.; Idler Pulley; Springs & Guides; Brake Rod & Guide; Foot Pedal	
<b>GEAR ELECTRICAL GROUP (Mfg. No. 1692160, 1692166) .....</b>	<b>32</b>
Ignition Switch; Wiring Harness; Solenoid; Circuit Breaker; Battery, DSI Interlock Module	
<b>HYDRO ELECTRICAL GROUP (Mfg. Nos. 1692156, 1692164, 1692259, 1692263) .....</b>	<b>34</b>
Ignition Switch; Wiring Harness; Solenoid; Circuit Breaker; Battery, DSI Interlock Module	

## Table of Contents

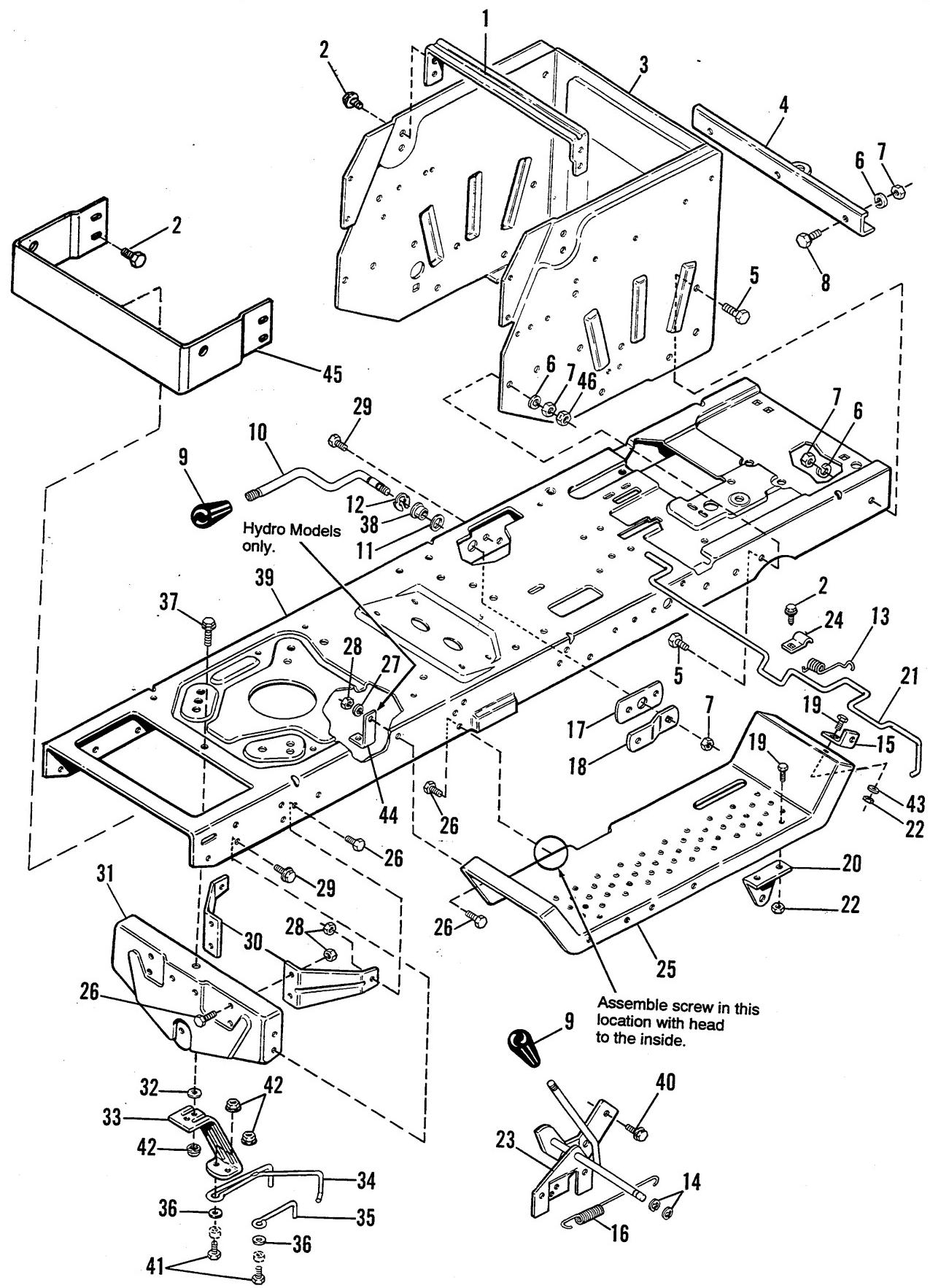
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<b>HOOD, GRILLE &amp; DASH GROUP .....</b>	<b>36</b>
Dash Board, Fuel Tank & Hose, Grille, Hood & Side Panels	
<b>SEAT &amp; DECK GROUP .....</b>	<b>38</b>
Seat; Springs; Hinges; Supports; Deck	
<b>WHEELS &amp; TIRES GROUP .....</b>	<b>40</b>
Wheel & Tire Assys., Tubes, Valve Stem & Cap	
<b>36" MOWER, DECK &amp; ARBOR GROUP .....</b>	<b>42</b>
Pulley Assy.; Shields; Bearings; Deflector; Shafts; Baffle	
<b>36" CLUTCH &amp; ROLLER SUPPORT GROUP .....</b>	<b>46</b>
Brake Lever; Support & Rod Assy.; Quadrant Assy.	
<b>36" ROLLER &amp; MISC. GROUP .....</b>	<b>48</b>
"V" Belt; Lift Chain; Control Lever; PTO Rod; Lift Rod; Clevis	
<b>DECAL GROUP - REGENT SERIES .....</b>	<b>50</b>
Decals, Safety Warning Labels	
<b>DECAL GROUP - 512 SERIES .....</b>	<b>52</b>
Decals, Safety Warning Labels	
<b>GEAR TRANSAKLE SERVICE PARTS (Mfg. Nos. 1692160, 1692166) .....</b>	<b>54</b>
Peerless Model 930-039	
<b>HYDRO TRANSAKLE SERVICE PARTS (Mfg. Nos. 1692156, 1692164) .....</b>	<b>58</b>
Hydro Gear/Agrifab Model 210-1000 (used on Hydro Gear Model 219-1030S)	
<b>HYDRO PUMP SERVICE PARTS (Mfg. Nos. 1692156, 1692164) .....</b>	<b>62</b>
Sundstrand Model BDU-10S-114 (used on Hydro Gear Model 219-1030S)	
<b>HYDRO TRANSAKLE SERVICE PARTS (Mfg. Nos. 1692259, 1692263) .....</b>	<b>64</b>
Hydro Gear Model 318-0500	
<b>TORQUE SPECIFICATIONS .....</b>	<b>Inside Back Cover</b>



Frame Group

\*\*2405



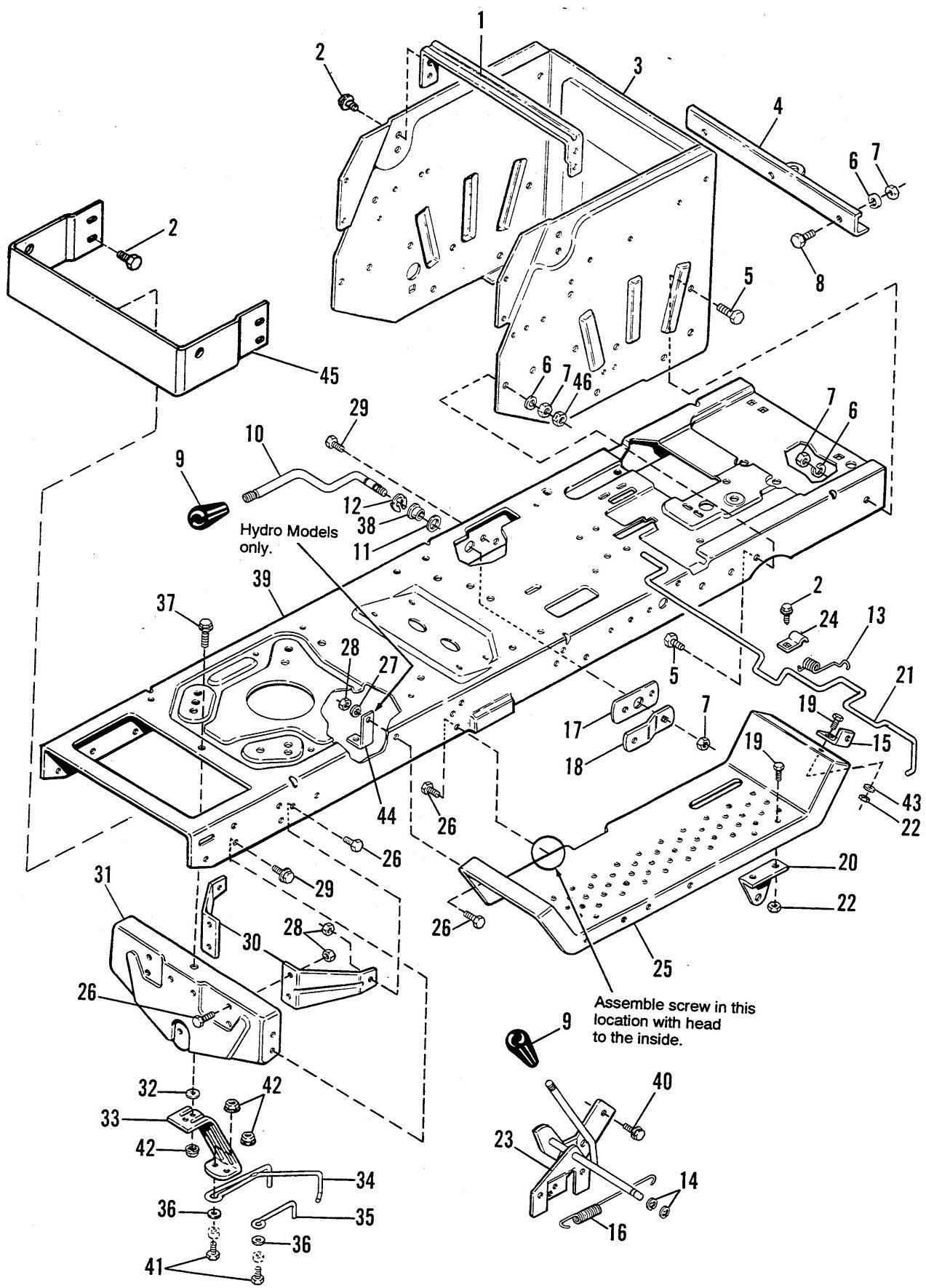
**All Models****Frame Group**

<b>Ref. No.</b>	<b>Part No.</b>	<b>Qty.</b>	<b>Description</b>
1	1654707	1	BRACE, Seat
2	1924856	6	SCREW, Taptite, 5/16-18 x 1/2 (Qty. 8 on Hydro Models, Mfg. Nos. 1692156, 1692164, 1692259, 1692263)
3	1702627	1	SUPPORT, Axle Wrapper
4	1655591	1	BAR, Draw
5	1921210	6	CAPSCREW, Hex, 3/8-16 x 1
6	1916965	9	LOCKWASHER, 3/8
7	1916950	10	NUT, Hex, 3/8-16
8	1921965	3	CAPSCREW, Hex, 3/8-16 x 3/4
9	172038	2	KNOB, Handle
10	1704890	1	HANDLE, Lift
11	960171	1	WASHER
12	1703805	1	KLIPRING, 1/2
13	1701314	1	SPRING, Torsion
14	158399	2	RING, Retaining
15	1700670	1	BRACKET, Seat Latch
16	1673911	1	SPRING, Extension
17	1656754	1	BAR, Support
18	1656755	1	ARM, Support
19	1921959	3	CAPSCREW, Hex, 1/4-20 x 5/8
20	1654783	1	SUPPORT, Clutch
21	1701268	1	ROD, Latch (Gear Models, Mfg. Nos. 1692160, 1692166; Hydro Models, 1692259, 1692263)
	1702322	1	ROD, Latch (Hydro Models, Mfg. Nos. 1692156, 1692164)
22	1916622	3	NUT, Hex, 1/4-20
23	1702452	1	HANDLE ASSY., PTO Clutch
24	1678388	2	CLIP
25	1709280	2	FOOTREST
26	1921332	14	CAPSCREW, Hex, 5/16-18 x 3/4 (Qty. 6 used on Hydro Models, Mfg. Nos. 1692259, 1692263)
27	1917356	14	LOCKWASHER, 5/16
28	1917372	14	NUT, Hex, Full, 5/16-18 (Qty. 18 on Hydro Models, Mfg. Nos. 1692156, 1692164, 1692259, 1692263)
29	1664847	2	SCREW, Taptite, 5/16-18 x 3/4 (Qty. 6 used on Hydro Models, Mfg. Nos. 1692259, 1692263)
30	1655076	2	BRACE, Axle Support

**See pages 6 & 7 for Ref. Nos. 31 - 45.**

**Frame Group**

\*\*2405



**All Models**

**Frame Group (continued)**

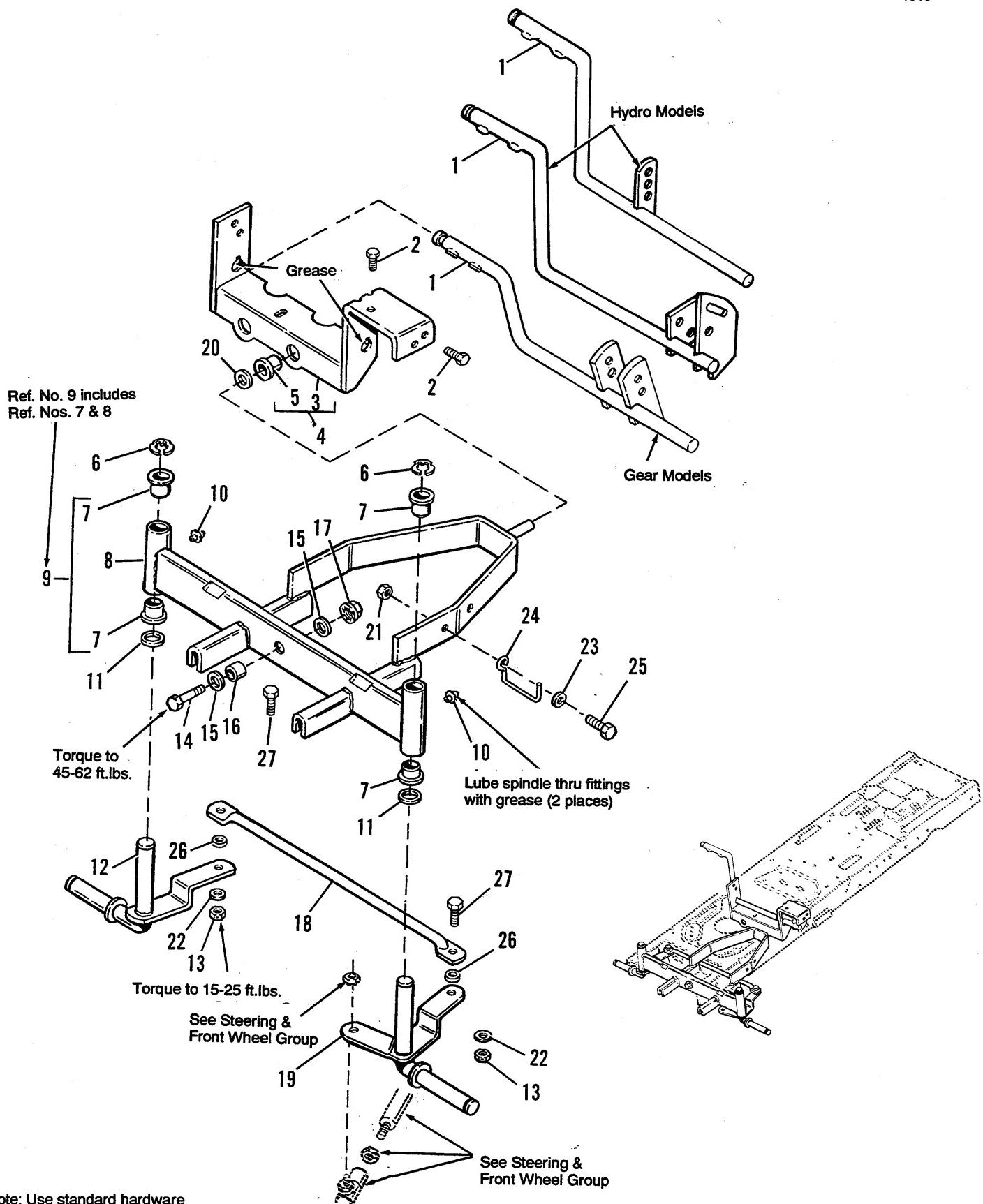
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<b>Ref. No.</b>	<b>Part No.</b>	<b>Qty.</b>	<b>Description</b>
31	1664034	1	SUPPORT, Axle
32	1919381	1	WASHER, Plain, 11/32-1 x 10 Ga.
33	1665803	1	SUPPORT
34	1672118	1	STOP, Belt
35	1665812	1	STOP, Belt
36	1919326	2	WASHER, 11/32
37	1930595	1	CAPSCREW, Hex Flange Hd., 5/16-18 x 1-1/4
38	1704505	1	BUSHING
39	1708723	1	FRAME, (Gear Models, Mfg. Nos. 1692160, 1692166; Hydro Models, Mfg. Nos. 1692259, 1692263) 1708722 1 FRAME, (Hydro Models, Mfg. Nos. 1692156, 1692164)
40	1925003	2	SCREW, Taptite, 1/4-20 x 1/2
41	1923325	2	CAPSCREW, Hex, 5/16-18 x 7/8
42	1927557	3	LOCKNUT, Hex, Flange Whiz, 5/16-18
43	1921319	1	WASHER
44	1705873	1	BRACKET, Spring (Hydro Models, Mfg. Nos. 1692156, 1692164, 1692259, 1692263)
45	1656791	1	SUPPORT, Hood (Gear Models, Mfg. Nos. 1692160, 1692166)

**See pages 4 & 5 for Ref. Nos. 1 - 30.**

## Front Axle Group

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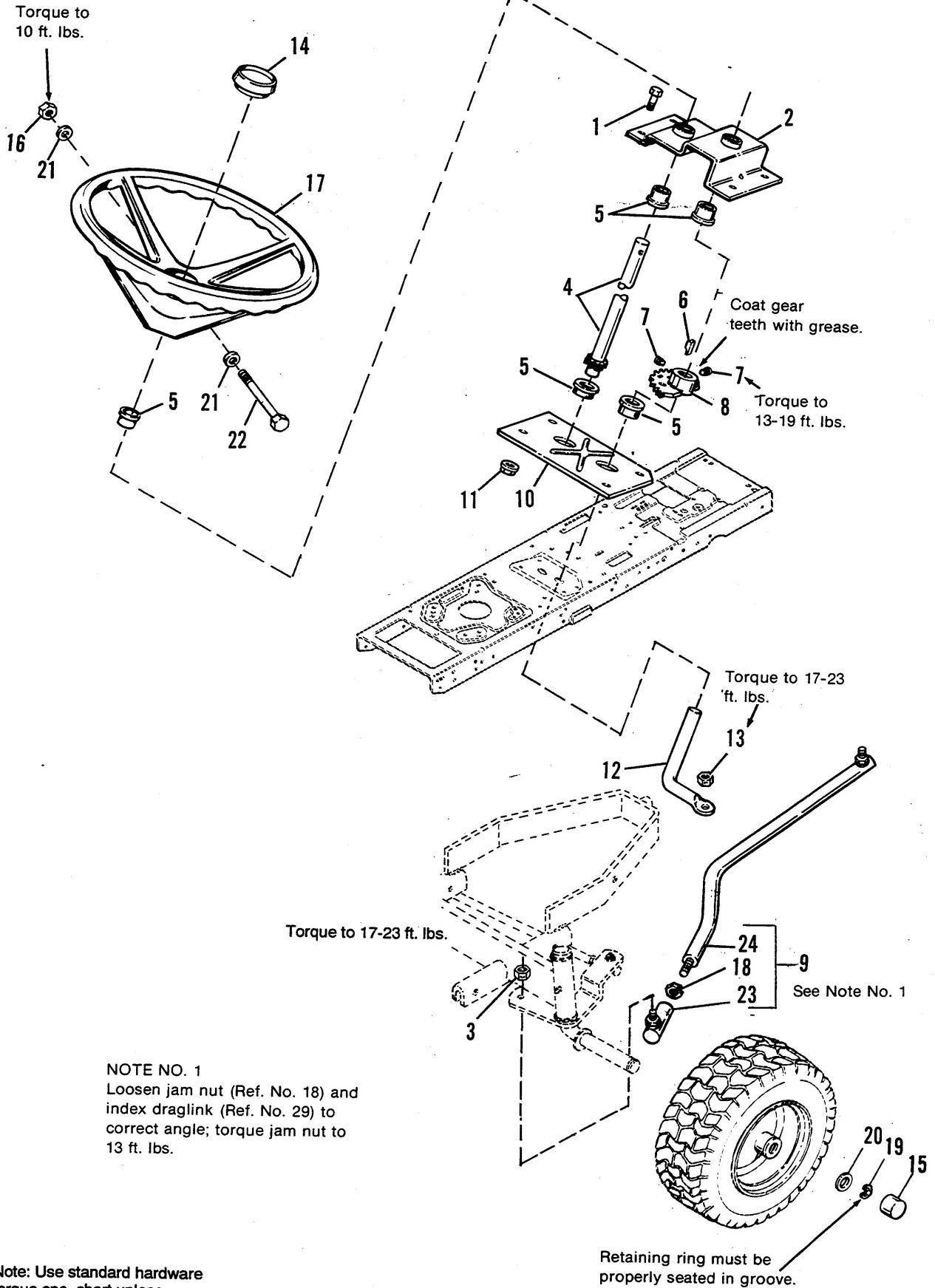


**All Models****Front Axle Group**

Ref. No.	Part No.	Qty.	Description
1	1709305	1	LEVER ASSY., Brake (Gear Models, Mfg. Nos. 1692160, 1692166)
	1709304	1	LEVER ASSY., Brake (Hydro Models, Mfg. Nos. 1692156, 1692164)
	1709785	1	LEVER ASSY., Brake (Hydro Models, Mfg. Nos. 1692259, 1692263)
2	1664847	5	SCREW, Taptite, 5/16-18 x 3/4
3		1	SUPPORT ASSY., Axle, Rear (See Ref. No. 4)
4	1665601	1	SUPPORT ASSY., Rear (Incl. Ref. No. 5)
5	1663114	1	BUSHING
6	1611710	2	KLIPRING, Ext., 3/4
7	176440	4	BUSHING
8		1	AXLE SUB ASSY. (See Ref. No. 9)
9	1611708	1	AXLE ASSY., Front (Incl. Ref. Nos. 7 & 8)
10	921133	2	FITTING, Lube, Drive Type
11	1960114	2	WASHER
12	1611703	1	SPINDLE ASSY., R.H.
13	1930651	2	LOCKNUT, Hex, 3/8-16
14	1921525	1	CAPSCREW, Hex, 1/2-13 x 1-3/4 (Gr. 8)
15	1924361	2	WASHER
16	1671260	1	SPACER
17	1960362	1	LOCKNUT, Hex, Flange Lock, 1/2-13
18	1611715	1	TIE ROD ASSY.
19	1705918	1	SPINDLE ASSY., L.H.
20	1960020	1	WASHER
21	1917372	1	NUT, Hex, 5/16-18
22	1924940	2	WASHER, 3/8
23	1919326	1	WASHER
24	1668147	1	GUIDE, Drag Link
25	1921333	1	CAPSCREW, Hex Hd., 5/16-18 x 1
26	1611705	2	SPACER
27	1921210	2	CAPSCREW, 3/8-16 x 1

## Steering Group

\*51



### NOTE NO. 1

Loosen jam nut (Ref. No. 18) and index draglink (Ref. No. 29) to correct angle; torque jam nut to 13 ft. lbs.

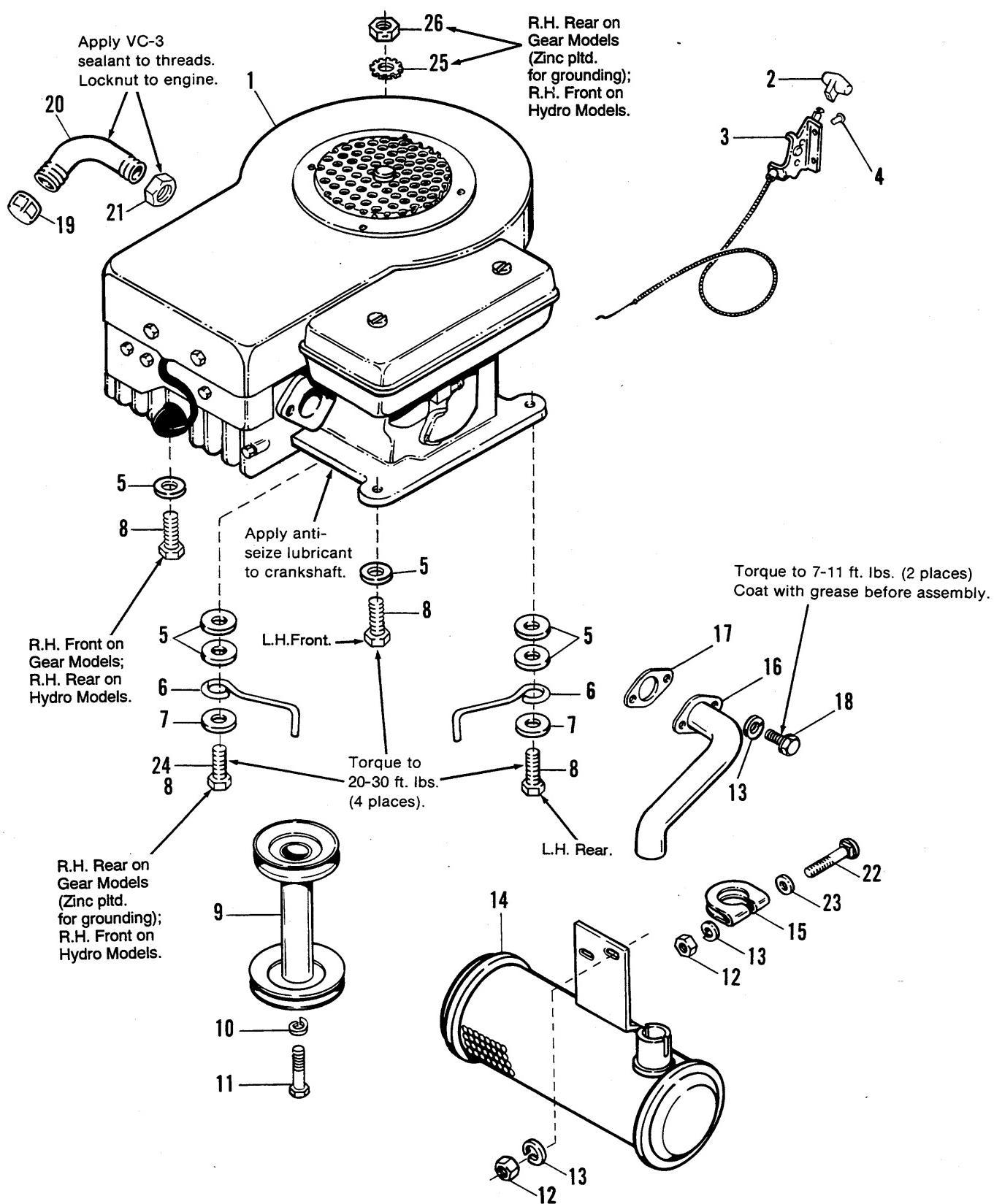
Note: Use standard hardware torque spc. chart unless otherwise noted.

*All Models*

*Steering*

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REF. NO.	PART NO.	QTY.	DESCRIPTION
1	1921332	4	CAPSCREW, 5/16-18 x 3/4
2	1667513	1	TOP PLATE, Steering
3	1930245	1	LOCKNUT, Center, 1/2-20
4	1701266	1	SHAFT ASSY., Steering
5	176440	5	BUSHING
6	1667622	1	KEY
7	1928721	2	SETSCREW, 5/16-18 x 1/2
8	1675388	1	GEAR, Steering
9	1705914	1	LINK ASSY., Drag (Incl. Ref. Nos. 18, 23 & 24)
10	1652743	1	BASE PLATE, Steering
11	1935048	4	LOCKNUT, Flange, Whiz, 5/16-18
12	1674076	1	ROD, Steering
13	1668927	1	LOCKNUT, Center, 3/8-24
14	1657017	1	CAP, Steering Wheel
15	1673333	2	CAP, Hub, Threaded
16	1923362	1	LOCKNUT, Hex, 5/16-18
17	1670989	1	WHEEL, Steering
18	1919262	1	NUT, Jam, 1/2-20
19	1611710	2	KLIPRING, Ext., 3/4
20	960202	2	WASHER
21	1919326	2	WASHER, Plain, 5/16
22	1925690	1	BOLT, Hex, 5/16-18 x 3-1/2
23	1705437	1	BALL JOINT ASSY., 1/2-20 Thrd. Stud.
24		1	LINK, Drag (Not Serviced Separately. See Ref. No. 9)



Note: Use standard hardware  
torque spc. chart unless  
otherwise noted.

**All Models****Engine Group**

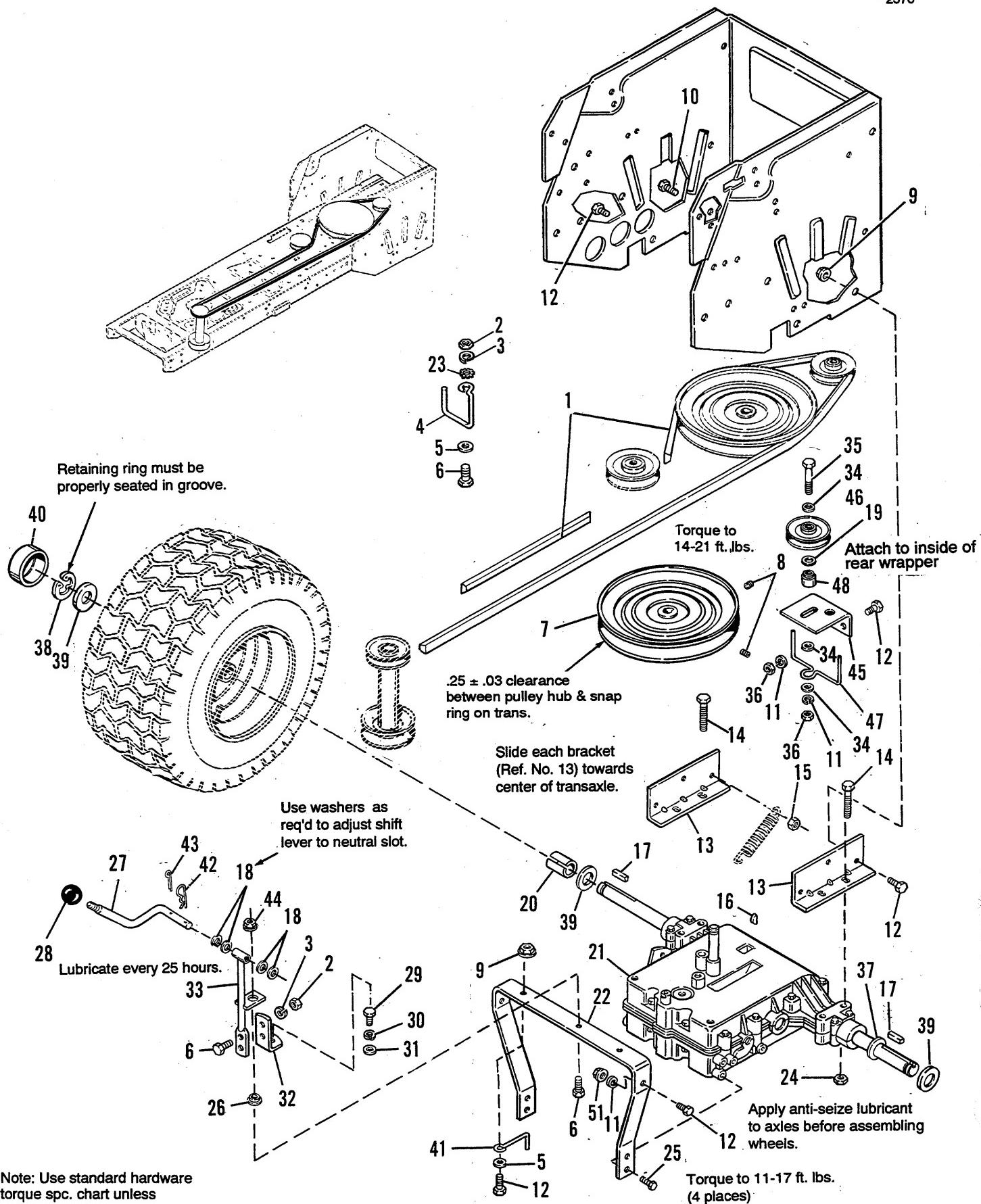
<b>Ref. No.</b>	<b>Part No.</b>	<b>Qty.</b>	<b>Description</b>
1	*	1	ENGINE, 12.5 HP
2	1656099	1	KNOB, Throttle
3	1707388	1	CONTROL ASSY., Throttle
4	960241	2	RIVET, Pop, 1/4
5	1924356	6	WASHER, Plain, 3/8
6	172844	2	STOP, Belt
7	1924940	2	WASHER, 13/32
8	1930598	3	SCREW, Taptite, 3/8-16 x 1-1/2 (Qty. 4 on Hydro Models, Mfg. Nos. 1692156, 1692164, 1692259, 1692263))
9	1674163	1	PULLEY ASSY., Engine (Gear Models, Mfg. Nos. 1692160, 1692166)
	1674165	1	PULLEY ASSY., Engine (Hydro Models, Mfg. Nos. 1692156, 1692164)
	1657118	1	PULLEY ASSY., Engine (Hydro Models, Mfg. Nos. 1692259, 1692263)
10	1918199	1	LOCKWASHER, 7/16
11	1928038	1	CAPSCREW, Hex, 7/16-20 x 1-1/4
12	1917372	3	NUT, Hex, 5/16-18
13	1917356	5	LOCKWASHER, 5/16
14	1655848	1	MUFFLER
15	1676183	1	CLAMP
16	1655860	1	PIPE, Exhaust
17	1650670	1	GASKET, Muffler
18	1921332	2	SCREW, Whizlock, 5/16-18 x 3/4
19	1667346	1	CAP, Pipe
20	1655405	1	PIPE, Oil Drain
21	1932849	1	LOCKNUT
22	1931342	1	BOLT, Carriage, 5/16-18 x 2-3/4 Gr. 5
23	1919326	1	WASHER
24	960361	1	SCREW, Taptite, 3/8-16 x 2, Zinc Pltd. (Gear Models, Mfg. Nos. 1692160, 1692166)
25	920427	1	LOCKWASHER, Ext., 3/8, Zinc Pltd.
26	916950	1	NUT, Hex Jam Lock, 3/8-16, Zinc Pltd. (Gear Models, Mfg. Nos. 1692160, 1692166)
	1960251	1	NUT, Hex Jam Lock, 3/8-16, Zinc Pltd. (Hydro Models, Mfg. Nos. 1692156, 1692164, 1692259, 1692263)

**NOTE: Use Simplicity engine oil as follows:**

- **SAE 30W SG/CC for temperature operating range of 32° F and above. See inside front cover for part number.**
  - **5W30 SF/CD for temperature operating range of 32° and under. See inside front cover for part number.**
- \* See your local Briggs & Stratton dealer for parts.

## Gear Transmission Group

\*\*2370



Note: Use standard hardware torque spc. chart unless otherwise noted.

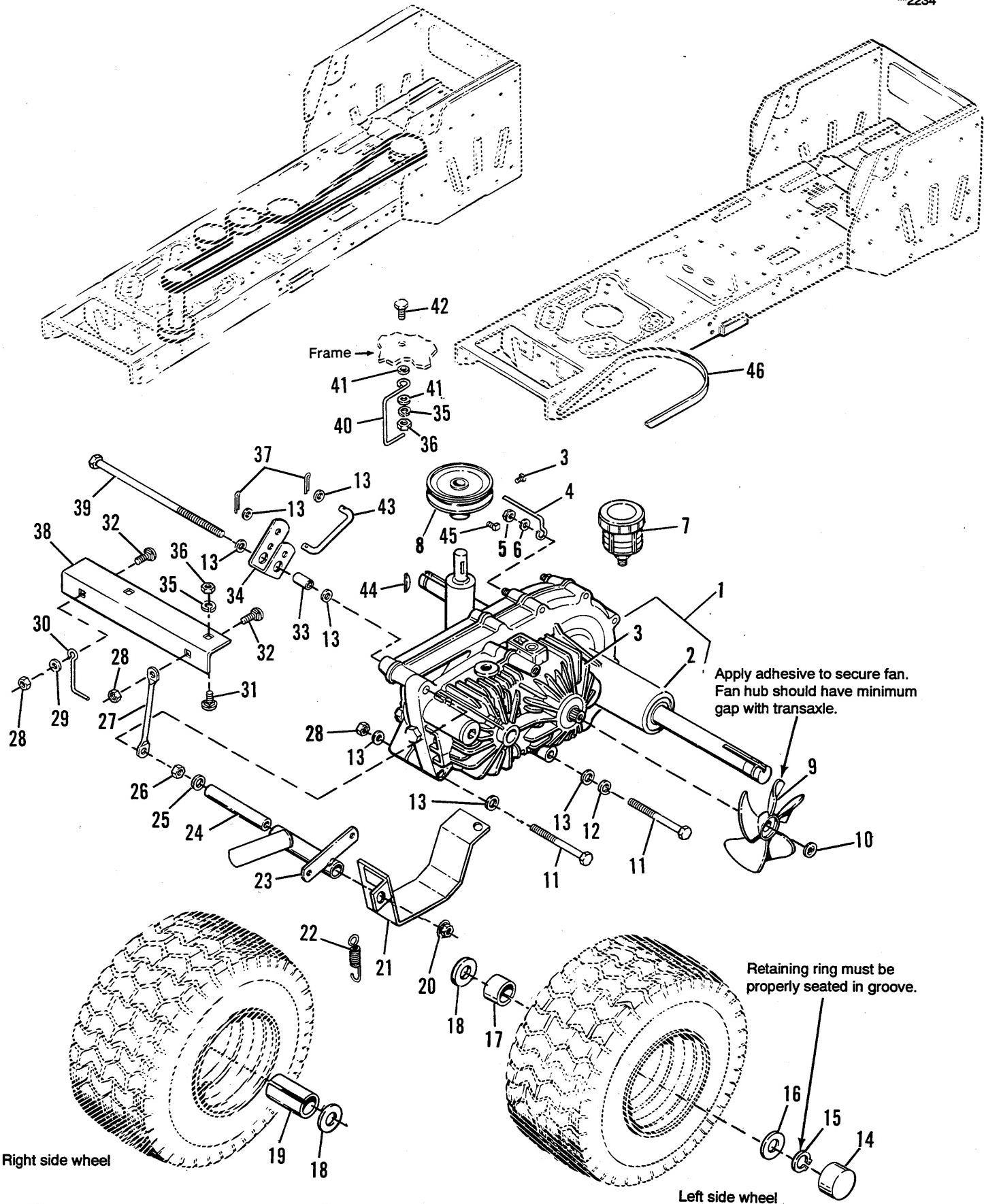
## Gear Transmission Group

Ref. No.	Part No.	Qty.	Description
1	1708114	1	"V" BELT
2	1917372	3	NUT, Hex, 5/16-18
3	1917356	3	LOCKWASHER, 5/16
4	1666709	1	STOP, Belt
5	1919326	3	WASHER, 11/32
6	1921333	4	CAPSCREW, Hex, 5/16-18 x 1
7	1666693	1	PULLEY ASSY., Transmission
8	1930540	2	SETSCREW, 5/16-18 x 5/8
9	1928352	6	LOCKNUT, Hex, Flange, 3/8-16
10	1920415	1	CAPSCREW, Hex, 3/8-16 x 1-1/4
11	1916965	3	LOCKWASHER, 3/8
12	1921210	9	CAPSCREW, Hex 3/8-16 x 1
13	1666632	2	SUPPORT, Transmission, Rear
14	1921719	4	CAPSCREW, Hex, 5/16-18 x 2-1/2
15	1930651	1	LOCKNUT, Hex, 3/8-16
16	905123	1	KEY, Woodruff, #9
17	8221042	2	KEY, 3/16 x 3/16 x 1-1/2
18	1960027	4	WASHER, Rev. Pinion
19	1924940	1	WASHER, 13/32
20	1663180	1	SPACER
21	*	1	TRANSAXLE, 5 Speed, Peerless Model 930-039
22	1666631	1	SUPPORT, Transmission, Front
23	1920427	1	LOCKWASHER, Ext.
24	1923362	4	LOCKNUT, 5/16-18
25	1930601	2	SCREW, Taptite, 5/16-18 x 5/8
26	1705590	1	SPACER, Special
27	1708408	1	ROD, Shift
28	8021050	1	KNOB, Ball, Shift
29	1922234	1	CAPSCREW, Hex, 1/4-28 x 5/8
30	1916964	1	LOCKWASHER, 1/4
31	1921319	1	WASHER, Plain
32	1666638	1	LINK, Shift, Lower
33	1708022	1	SHIFT LINK ASSY., Upper
34	1922755	3	WASHER
35	1921973	1	CAPSCREW, 3/8-16 x 2-3/4
36	1916950	5	NUT, Hex, 3/8-16
37	1960202	1	WASHER, 1/4
38	927794	2	E-RING
39	1960160	4	WASHER
40	1673333	2	CAP, Hub, Threaded
41	158499	2	BELT STOP
42	1918196	1	PIN, Quick
43	1918447	1	PIN, Cotter
44	1935048	1	NUT, Hex, Flange Hd., 5/16-18
45	1709864	1	BRACKET, Pulley
46	1708029	1	PULLEY, Idler, "V"
47	1708221	1	BELT STOP
48	1676375	1	SPACER

\* Order Peerless parts from your authorized Tecumseh Distributor. See pages 54 - 57 for Service Parts.

**Hydro Transmission Group 1 - Hydro Gear/Agrifab Model 219-1010S**

\*\*2234



## Hydro Transmission Group 1 - Hydro Gear/Agrifab Model 219-1010S

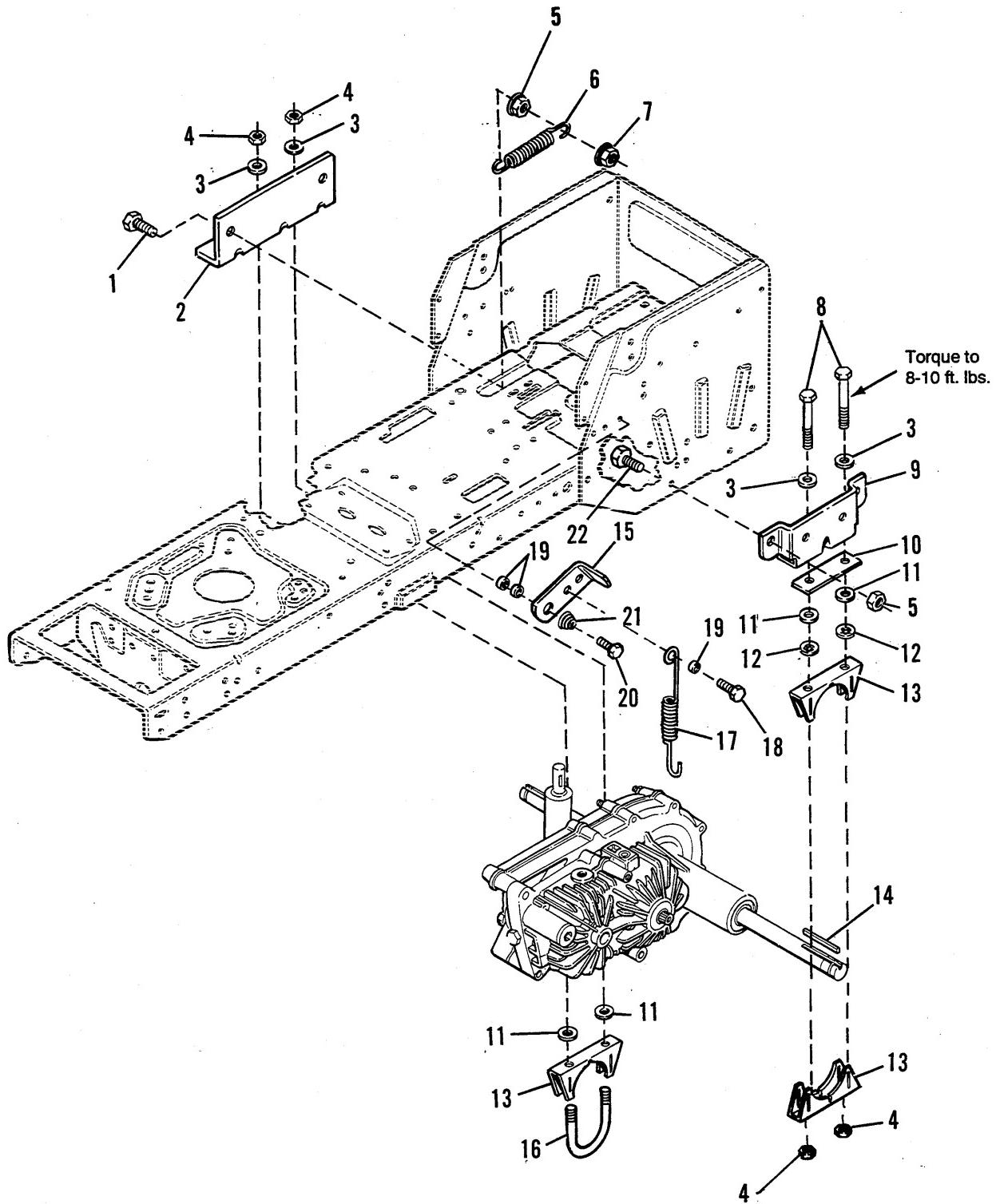
Ref. No.	Part No.	Qty.	Description
1	1709251	1	TRANSMISSION ASSY., Hydro Gear/Agrifab Model 219-1010S (Incl. Ref. Nos. 2 & 3)
* 2	1705770	1	TRANSAXLE, Hydro Gear/Agrifab Model 210-1000
** 3	1705771	1	HYDRO PUMP, Sundstrand Model BDU-10S-114
4	1708356	1	BELT GUIDE
5	1930642	1	NUT, Hex, Flange, Two-Way Lock, 1/4-20
6	1921319	1	WASHER
7	1705881	1	RESERVOIR, Expansion
8	1705546	1	PULLEY ASSY.
9	1707054	1	FAN, Blade, 5"
10	1706616	1	RING, Self-Locking
11	1925692	3	CAPSCREW, Hex Hd., 5/16-18 x 4-1/2
12	1917356	4	LOCKWASHER, 5/16
13	1919326	8	WASHER, 5/16 Std.
14	1673333	2	CAP, Hub, Threaded
15	927794	2	"E" RING
16	1960160	2	WASHER, 3/4
17	124044	1	SPACER, Left Side
18	1960114	2	WASHER
19	1705880	1	SPACER, Right Side
20	1935048	4	NUT, Hex, Flange, Two-Way Lock, 5/16-18
21	1707031	1	GUARD, Fan
22	121037	1	SPRING
23	1705842	1	TOW VALVE LEVER ASSY.
24	1706087	1	TUBE, Pivot, Internal
25	1924874	4	WASHER, 5/16
26	1920161	1	NUT, Hex Jam, 5/16-18
27	1705515	1	TORQUE STRAP
28	1917372	3	NUT, Hex, 5/16-18
29	1919381	1	WASHER, Plain, 5/16
30	1705872	1	STOP, Belt
31	1931349	2	CARRIAGE BOLT, 3/8-16 x 7/8
32	1931335	2	CARRIAGE BOLT, 5/16-18 x 1
33	1705906	1	SPACER
34	1705803	1	PIVOT, Brake
35	1916965	3	LOCKWASHER, 3/8
36	1916950	3	NUT, Hex, 3/8-16
37	1918447	2	PIN, Cotter
38	1705874	1	BRACKET, Support
39	1960416	1	CAPSCREW, Hex Hd., 5/16-18 x 11
40	1673106	1	STOP, Belt
41	1922755	2	WASHER, 3/8
42	1920415	1	CAPSCREW, Hex, 3/8-16 x 1-1/4
43	1705810	1	ROD, Brake
44	924819	1	KEY, Hi-Pro, 1/8 x 5/8, #5
45	1960110	2	SET SCREW, Sq. Hd., 1/4-28
46	1656960	1	"V" BELT

\* See pages 58 - 61 for transaxle service parts.

\*\* See pages 62 - 63 for hydro pump service parts.

**Hydro Transmission Group 2 - Hydro Gear/Agrifab Model 219-1010S**

\*\*2234



**Note:** Use standard hardware  
torque spc. chart unless  
otherwise noted.

Mfg. Nos. 1692156, 1692164

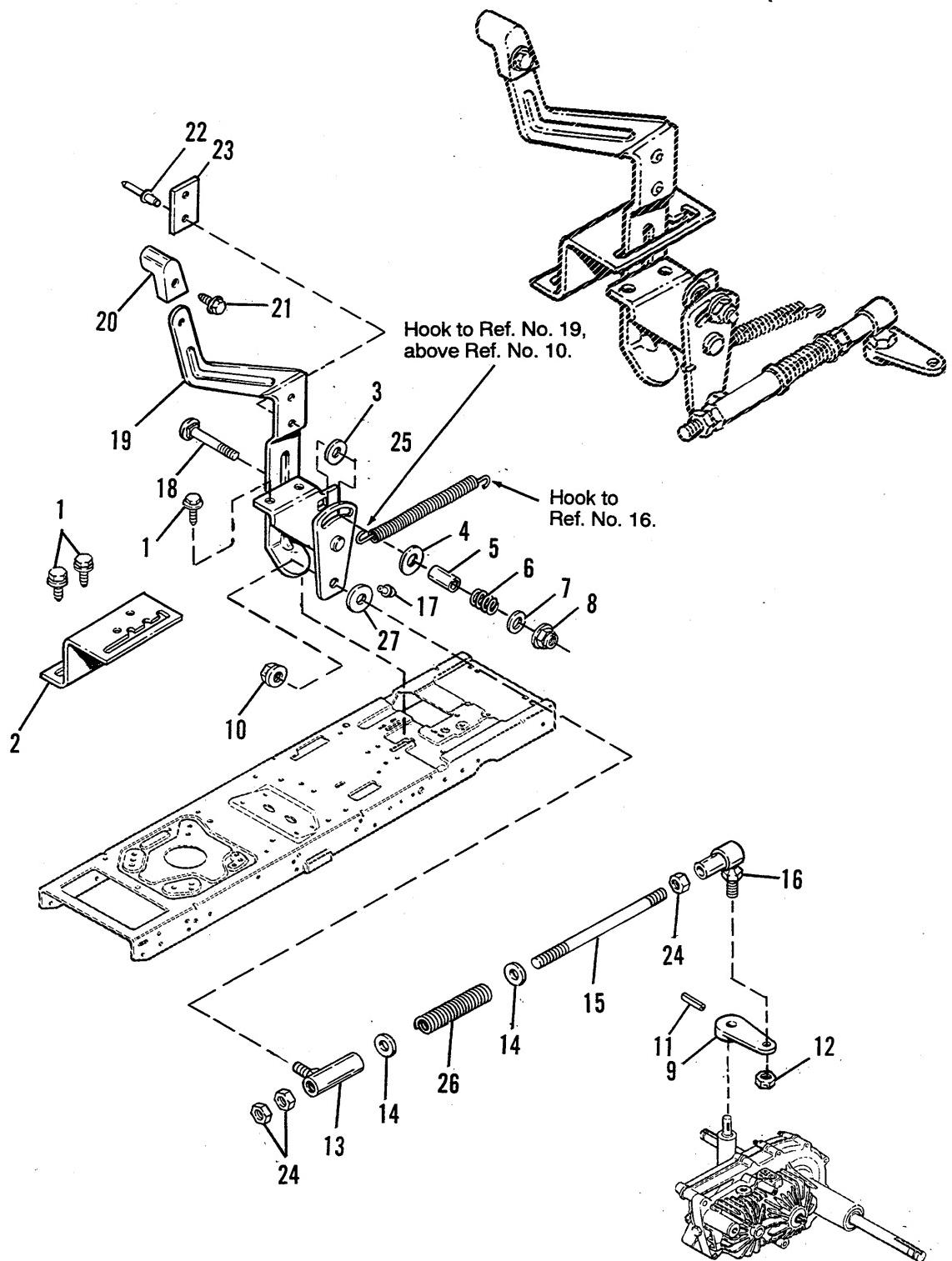
Hydro Transmission Group 2 - Hydro Gear/Agrifab Model 219-1010S

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Ref. No.	Part No.	Qty.	Description
1	1920415	1	CAPSCREW, Hex Hd., 3/8-16 x 1-1/2
2	1705882	1	SUPPORT, Transmission
3	1919326	4	WASHER, 5/16 Std.
4	1935048	4	NUT, Hex, Flange, Two-Way Lock, 5/16-18
5	1928352	4	NUT, Hex, Flange Lock, 3/8-16
6	159106	1	SPRING
7	1930645	1	NUT, Hex , Flange, Two-Way Lock, 3/8-16
8	1925690	2	CAPSCREW, Hex Hd., 5/16-18 x 3-1/2
9	1706381	1	BRACKET, Transmission Support
10	1706371	1	PLATE, Shim
11	1924874	4	WASHER, 5/16
12	933988	2	NUT, Push
13	1706383	3	CLAMP, "U" Bracket
14	8221042	2	KEY, 3/16 x 3/16 x 1-1/2
15	1705879	1	LEVER, Hydro Release Valve
16	1705895	1	"U" BOLT
17	1705868	1	SPRING, Tension
18	1925003	1	SCREW, Taptite, 1/4-20 x 1/2
19	1702219	3	SPACER
20	1925592	1	SCREW, Taptite, 1/4-20 x 3/4
21	157127	1	SPRING, Conical
22	1921210	3	CAPSCREW, Hex, 3/8-16 x 1

**Hydro Linkage & Control Group - Used With Hydro Gear/Agrifab Model 219-1010S**

\*\*2231



Mfg. Nos. 1692156, 1692164

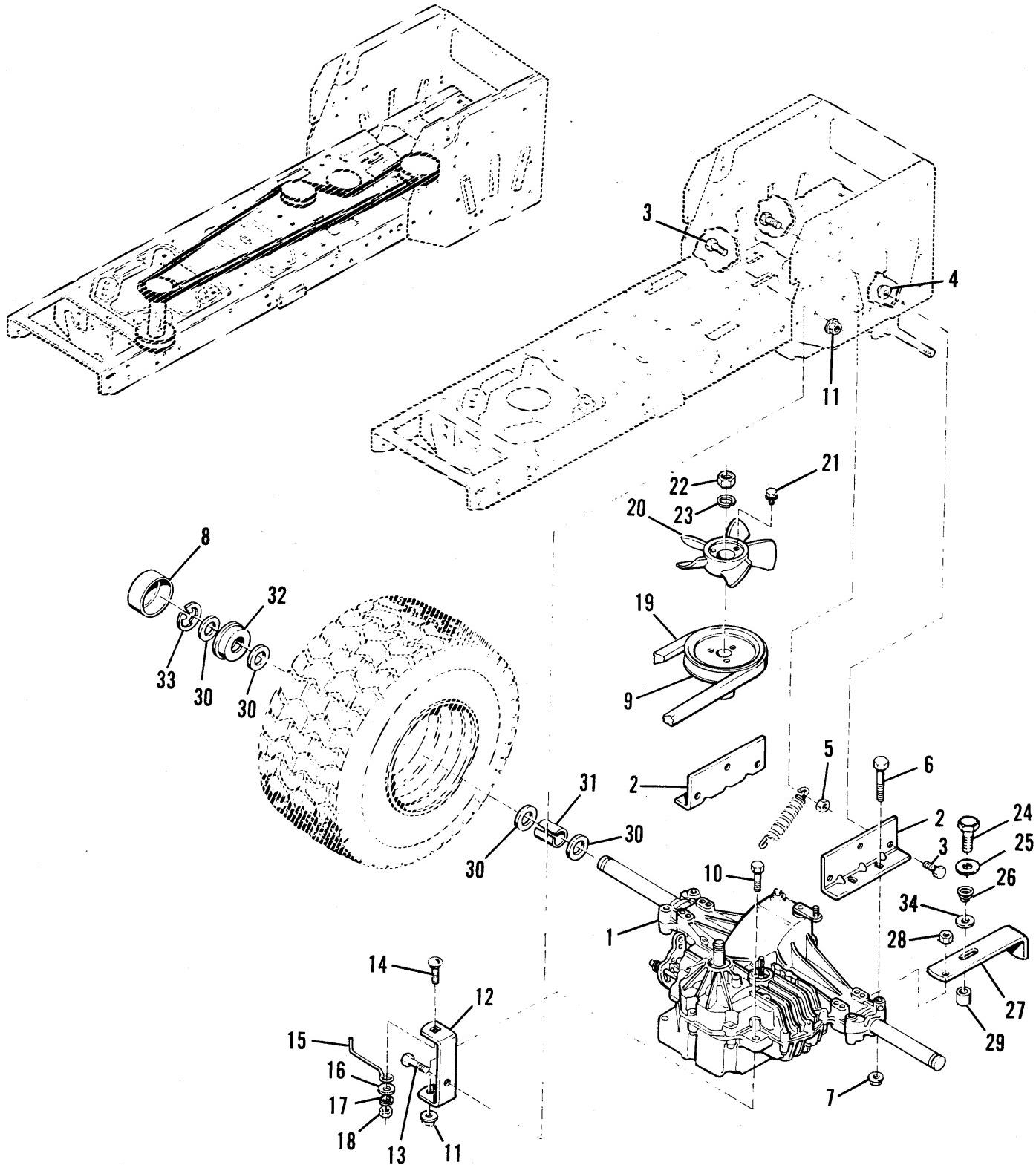
**Hydro Linkage & Control Group - Used With Hydro Gear/Agrifab Model 219-1010S**

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Ref. No.	Part No.	Qty.	Description
1	1664847	4	SCREW, Taptite, 5/16-18 x 3/4
2	1671009	1	QUADRANT
3	1960044	1	WASHER, 11/32 x 1-1/4 x 5/64
4	1960020	1	WASHER, 21/32 x 1-1/4 x 1/16
5	1705871	1	SPACER
6	1677746	1	SPRING, Compression
7	1919381	1	WASHER, 11/32 x 1
8	1919438	1	NUT, Hex , Lock, Esna, 5/16-18
9	1705813	1	ARM CONTROL, Directional
10	1935048	1	NUT, Hex, Flange, Two-way lock, 5/16-18
11	960431	1	PIN, Spring, 5 mm x 45 mm
12	1668927	1	NUT, Centerlock, 3/8-24
13	1708325	1	GUIDE ASSY, Rod
14	1924940	2	WASHER
15	1708324	1	ROD, Adjusting
16	1669567	1	BALL JOINT, R.H.
17	921133	1	GREASE FITTING
18	1931801	1	CARRIAGE BOLT, 5/16-18 x 2-1/4
19	1705900	1	SUPPORT ASSY., Control (Incl. Ref. Nos. 17, 22 & 23)
20	171165	1	KNOB
21	1960106	1	SCREW, Plastite, 1/4-20 x 1
22	910542	2	RIVET, Tubular
23	1672109	1	PLATE, Wear
24	1916602	3	NUT, Jam, 3/8-24
25	165068	1	SPRING
26	163103	1	SPRING
27	1922755	1	WASHER, 1" O.D., .13 Thick

**Hydro Transmission Group - Hydro Gear Model 318-0500**

\*\*2566



Note: Use standard hardware  
torque spc. chart unless  
otherwise noted.

Mfg. Nos. 1692259, 1692263

Hydro Transmission Group - Hydro Gear Model 318-0500

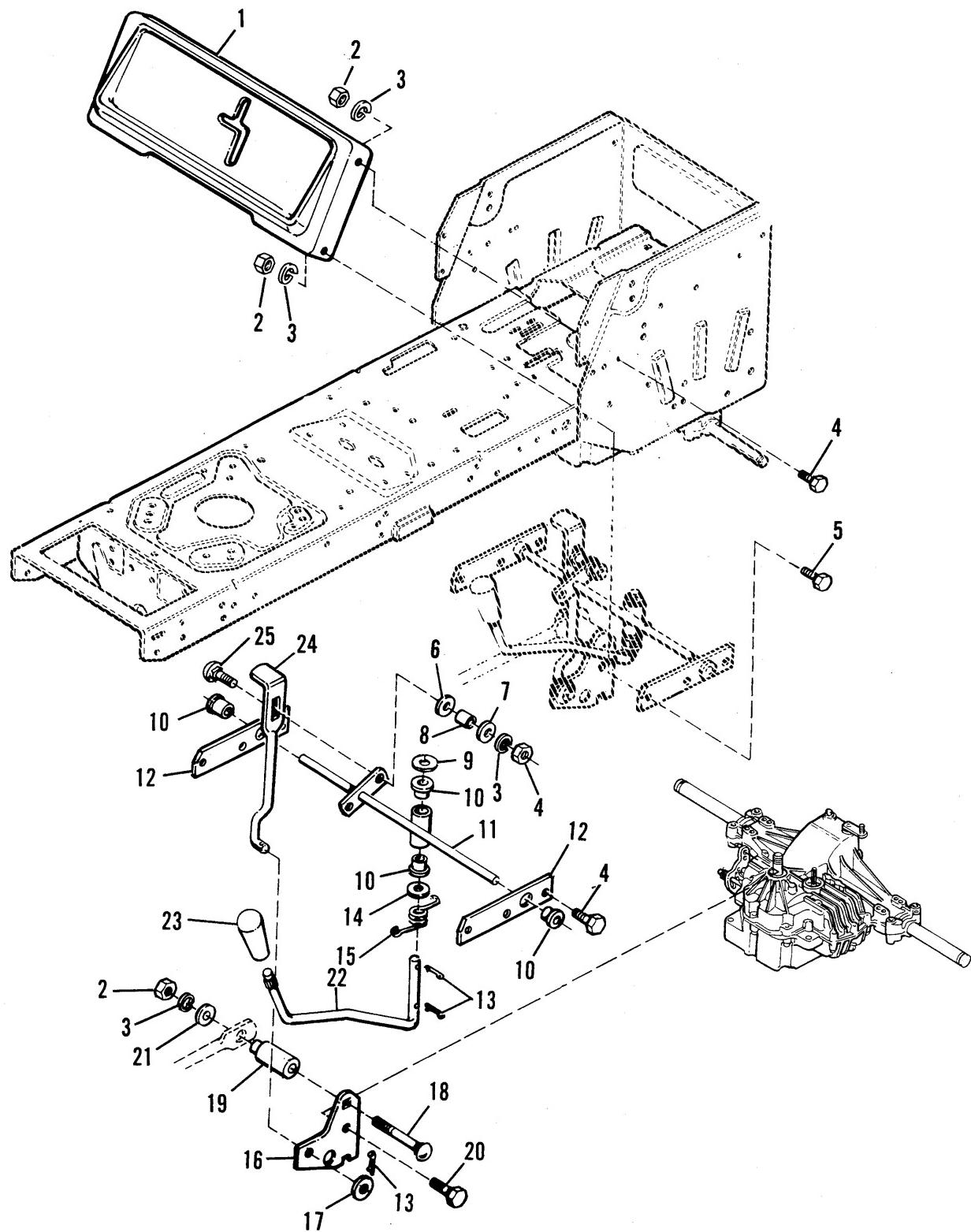
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Ref. No.	Part No.	Qty.	Description
*1	1709811	1	TRANSMISSION, Hydro
2	1666632	2	SUPPORT, Transmission, Rear
3	1921210	4	CAPSCREW, Hex Hd., 3/8-16 x 1
4	1928352	4	LOCKNUT, Hex, Flange, 3/8-16
5	1930651	1	LOCKNUT, Hex, 3/8-16
6	1921719	4	CAPSCREW, Hex Hd., 5/16-18 x 2-1/2
7	1935048	4	NUT, Hex, Flange Lock, 5/8-18
8	1676519	2	HUB CAP
9	1709786	1	PULLEY ASSY.
10	1921977	1	CAPSCREW, Hex Hd., 5/16-18 x 1-1/4
11	1931277	2	NUT, Hex, Whiz Lock, 5/16-18
12	1709790	1	STRAP, Torque
13	1921332	1	CAPSCREW, Hex Hd., 5/16-18 x 3/4
14	1931335	1	CARRIAGE BOLT, 5/16-18 x 1
15	172844	1	BELT STOP
16	1919381	1	WASHER, 11/32 X 1 X 3/16
17	1917356	1	LOCKWASHER, 5/16
18	1917372	1	NUT, Hex, 5/16-18
19	170164	1	V-BELT
20	1707933	1	FAN
21	1933958	3	SCREW, Taptite, 1/4-20 x 1-1/64
22	1919262	1	NUT, Hex, Jam, 1/2-20
23	1916966	1	LOCKWASHER, 1/2
24	1960509	1	SCREW, Taptite, Hex Hd., 10-24 x 1-1/4
25	1960151	1	WASHER, Plain, 1/4 x 1-11/32 x 1/16
26	157127	1	SPRING, Conical
27	1709271	1	LEVER, Tow Valve
28	1923358	1	NUT, Hex, Full Lock, 1/4-20
29	1709901	1	SPACER
30	960202	8	WASHER, Plain, 3/4 x 1-5/8 x 1/8
31	1667191	2	SPACER
32	1701435	2	RETAINER, Hub Cap
33	927794	2	E-RING
34	1922611	1	WASHER, Plain

\* See pages 64 & 65 for Service Parts.

**Hydro Linkage & Control Group - Used With Hydro Gear Model 318-0500**

\*\*2567

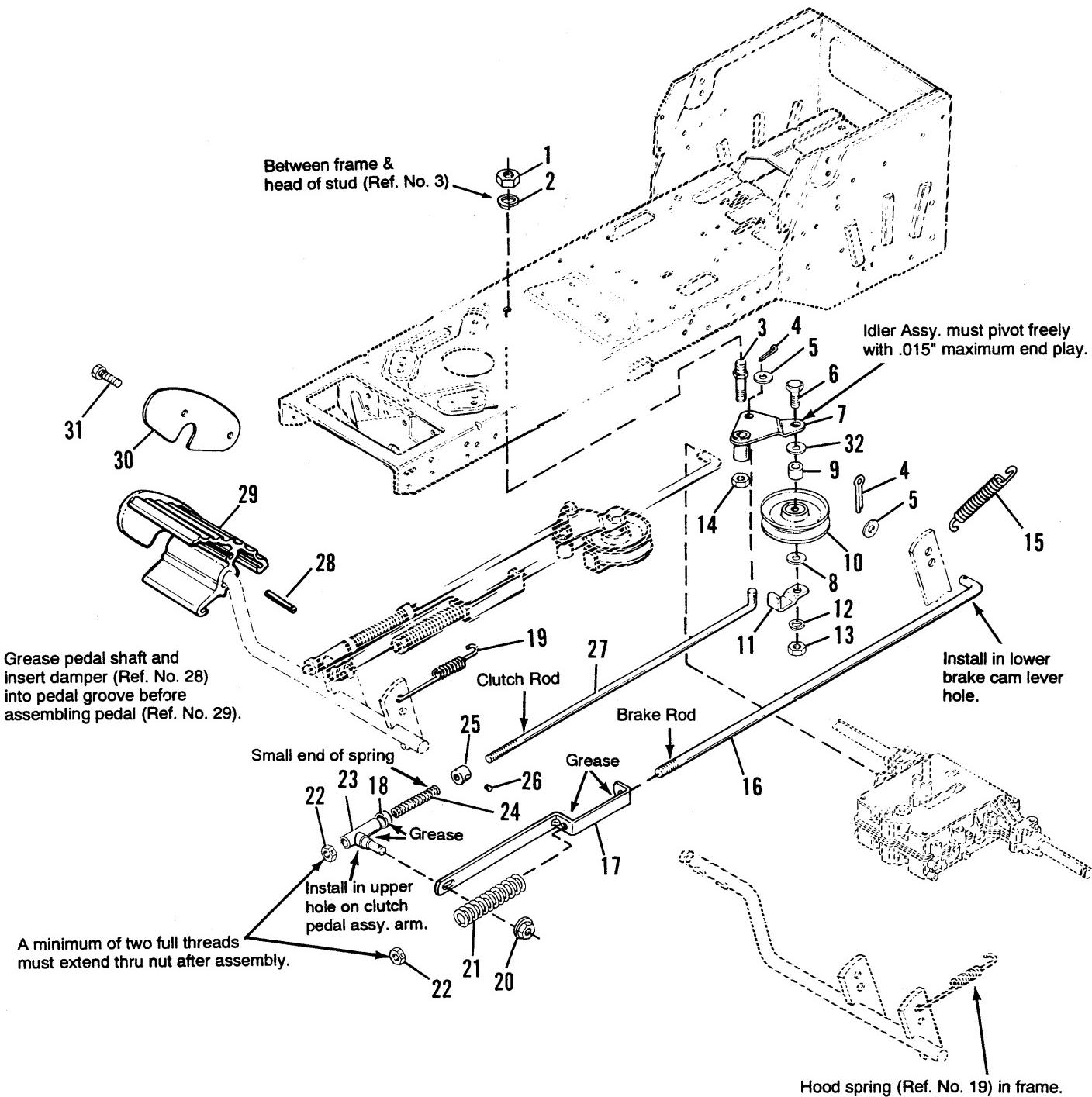


## Hydro Linkage &amp; Control Group - Used With Hydro Gear Model 318-0500

Ref. No.	Part No.	Qty.	Description
1	1709824	1	PANEL, Shift
2	1917372	3	NUT, Hex, 5/16-18
3	1917356	3	LOCKWASHER, Spring, 5/16
4	1952003	4	SCREW, Taptite, 5/16-18 x 1/2
5	1924856	4	SCREW, Taptite, 1/4-20 x 1/2
6	1919381	1	WASHER, 11/32 x 1 x 1/8
7	1919326	2	WASHER, Plain, 11/32 x 3/4 x 1/16
8	1666697	1	SPACER
9	1960170	1	WASHER, Plain, 1/2 x 1 x 3/32
10	1704428	4	BUSHING
11	1709777	1	SHIFT ROD ASSY.
12	1709775	2	BRACE, Shift Panel
13	1918447	3	COTTER PIN, 15/16 X 3/4
14	1924361	1	WASHER, Plain, 1/2 x 1-1/4 x 5/64
15	1707424	1	SPRING, Torsion
16	1709784	1	CONTROL LEVER
17	1924940	1	WASHER, Plain, 13/32 x 7/8 x 5/64
18	1960223	1	CARRIAGE BOLT, 5/16-18 x 1-1/4
19	1709227	1	SPACER
20	1921333	1	CAPSCREW, Hex Hd., 5/16-18 x 1
21	1919326	2	WASHER, Plain, 11/32 x 3/4 x 5/64
22	1709776	1	ROD, Shift
23	1708539	1	KNOB, Large
24	1709782	1	ROD, Control
25	1931335	1	CARRIAGE BOLT, 5/16-18 x 1

## Gear Brake & Clutch Group

\*\*50



Note: Use standard hardware torque spc. chart unless otherwise noted.

Mfg. Nos. 1692160, 1692166

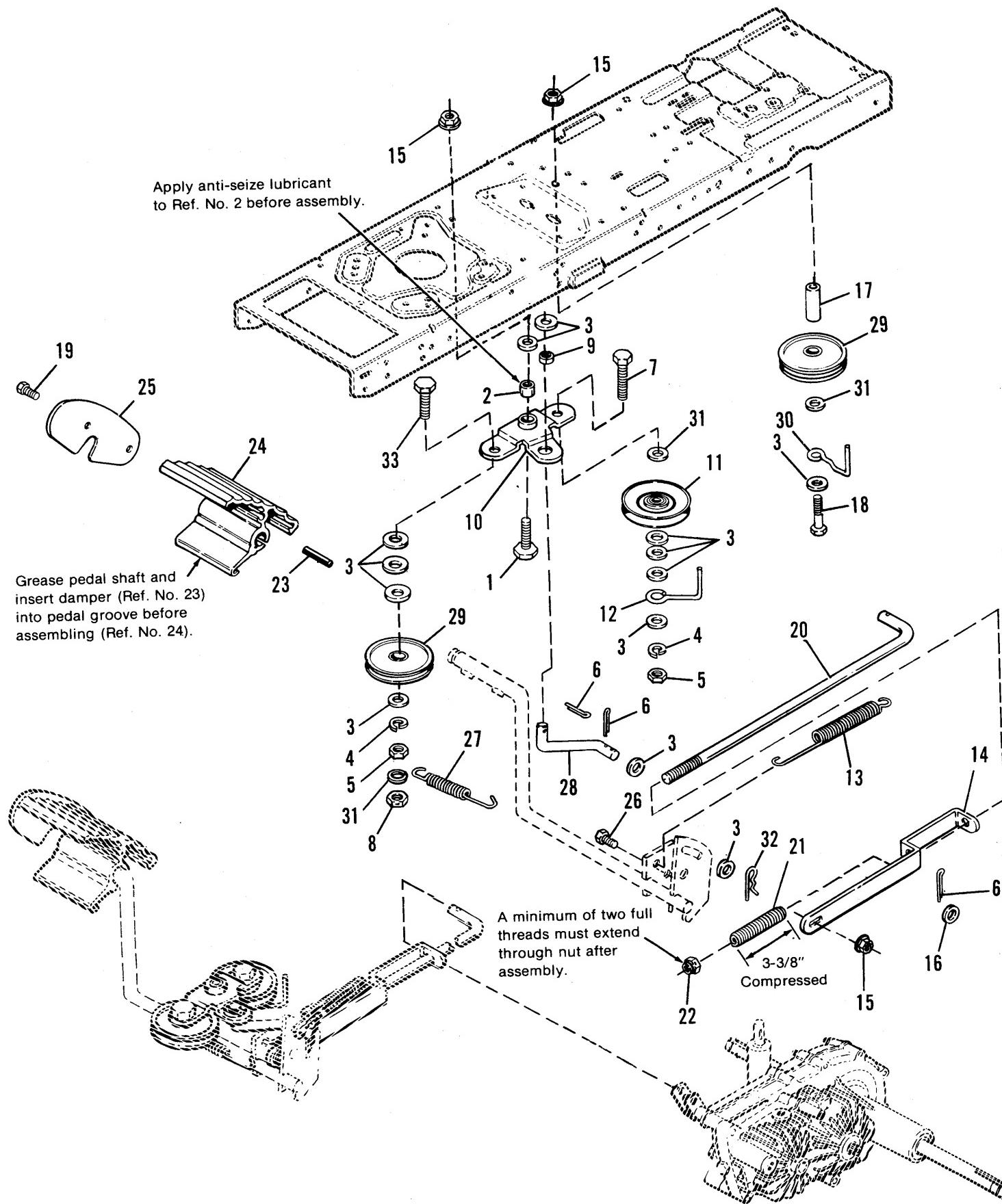
Gear Brake & Clutch Group

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Ref. No.	Part No.	Qty.	Description
1	1918213	1	NUT, Hex, 7/16-14
2	1918199	1	LOCKWASHER, 7/16
3	157273	1	STUD
4	1918447	2	PIN, Cotter
5	1919326	2	WASHER, 11/32
6	1921969	1	CAPSCREW, 3/8-16 x 1-1/2
7	1653076	1	IDLER ASSY.
8	1924940	1	WASHER, Plain, 5/16
9	1666294	1	SPACER
10	1665460	1	PULLEY ASSY.
11	1677135	1	GUARD, Spring
12	1916965	1	LOCKWASHER, 3/8
13	1916950	1	NUT, Hex, 3/8-16
14	1924058	1	LOCKNUT, Hex, 7/16-14
15	159106	1	SPRING, Tension
16	1666656	1	ROD, Brake
17	1663138	1	GUIDE, Rod
18	1708228	1	SPACER
19	1666759	1	SPRING, Return
20	1935048	1	LOCKNUT, Hex, Flange, 5/16-18
21	1708226	1	SPRING
22	1924433	2	LOCKNUT, 5/16-18
23	1657222	1	GUIDE ASSY., Rod
24	157041	1	SPRING, Compression
25	8191022	1	COLLAR, Set
26	1928804	1	SETSCREW, 1/4-20 x 3/8
27	1702156	1	ROD, Clutch
28	1657322	1	DAMPER, Rubber
29	1656852	1	PEDAL, Foot
30	1656854	1	PLATE, End
31	1927429	2	SCREW, Taptite, 1/4-20 x 5/8
32	1922755	1	WASHER, Plain

*Hydro Brake & Clutch Group - Used With Hydro Gear/Agrifab Model 219-1010S*

\*\*2232



Mfg. Nos. 1692156, 1692164

**Hydro Brake & Clutch Group - Used With Hydro Gear/Agrifab Model 219-1010S**

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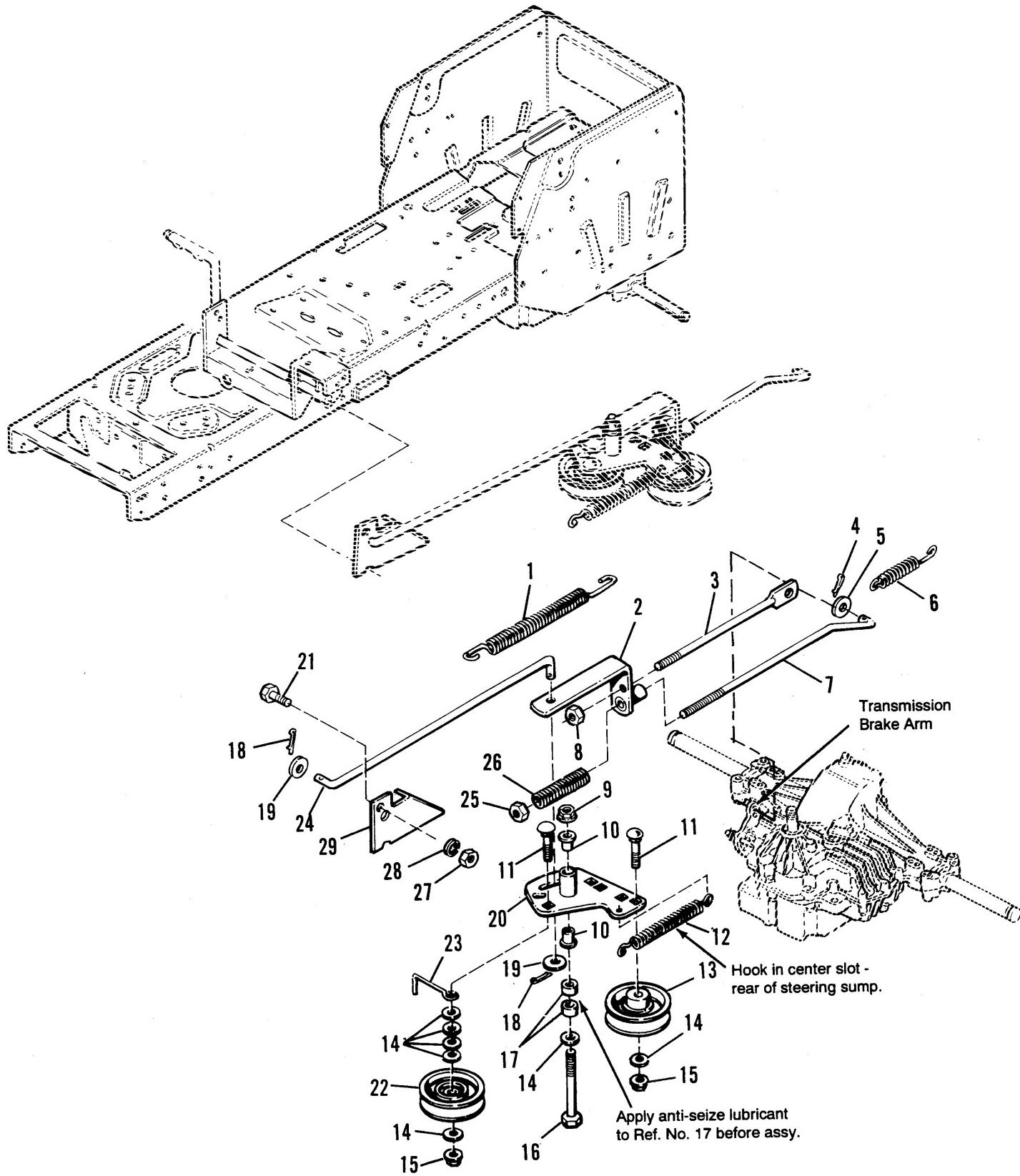
Ref. No.	Part No.	Qty.	Description
1	1960032	1	SCREW, Hex, 3/8-16 x 1-1/4, Thin Hd.
2	1669999	1	SPACER
3	1924940	13	WASHER, 13/32 x 7/8, 14 Ga.
4	1916965	2	LOCKWASHER, 3/8
5	1916950	2	NUT, Hex, 3/8-16
6	1918447	3	PIN, Cotter
7	1921971	1	CAPSCREW, Hex Hd., 3/8-16 x 1-3/4
8	1960251	1	NUT, Hex, Lock, Jam, 3/8-16
9	1669255	1	BUSHING, Ball
10	1672122	1	ARM ASSY., Clutch
11	1708029	1	PULLEY, "V"
12	1656054	1	STOP, Belt
13	159181	1	SPRING, Tension, Clutch
14	1663138	1	GUIDE, Rod
15	1960339	3	NUT, Hex, Flange Lock, 3/8-16
16	1919326	1	WASHER, 5/16
17	172452	1	SPACER
18	1923938	1	CAPSCREW, Hex, 3/8-16 x 3-1/2
19	1927429	2	SCREW, Taptite, 1/4-20 x 5/8
20	1705818	1	ROD, Brake
21	1663136	1	SPRING
22	1919438	1	NUT, Hex, Esna, Jam, 5/16-18
23	1657322	1	DAMPER, Rubber
24	1656852	1	PEDAL, Foot
25	1656854	1	PLATE, End
26	1921965	1	CAPSCREW, Hex, 3/8-16 x 3/4
27	1700347	1	SPRING
28	1672120	1	LINK, Clutch Arm
29	1708030	2	PULLEY ASSY., Idler, Flat
30	1706382	1	STOP, Belt
31	1922755	3	WASHER, 13/32 x 1, 10 Ga. Plain
32	1960074	1	CLIP, Spring
33	1923701	1	CAPSCREW, Hex Hd., 3/8-16 x 2

**BRAKE LINKAGE ADJUSTMENT**

1. Perform parking brake adjustment in Operator's Manual.
2. With brake/clutch pedal depressed and parking brake locked, adjust brake spring (Ref. No. 21) to have an overall length of 3-3/8"  $\pm$  1/16".

**Hydro Brake & Clutch Group - Used With Hydro Gear Model 318-0500**

\*\*2568



Mfg. Nos. 1692259, 1692263

**Hydro Brake & Clutch Group - Used With Hydro Gear Model 318-0500**

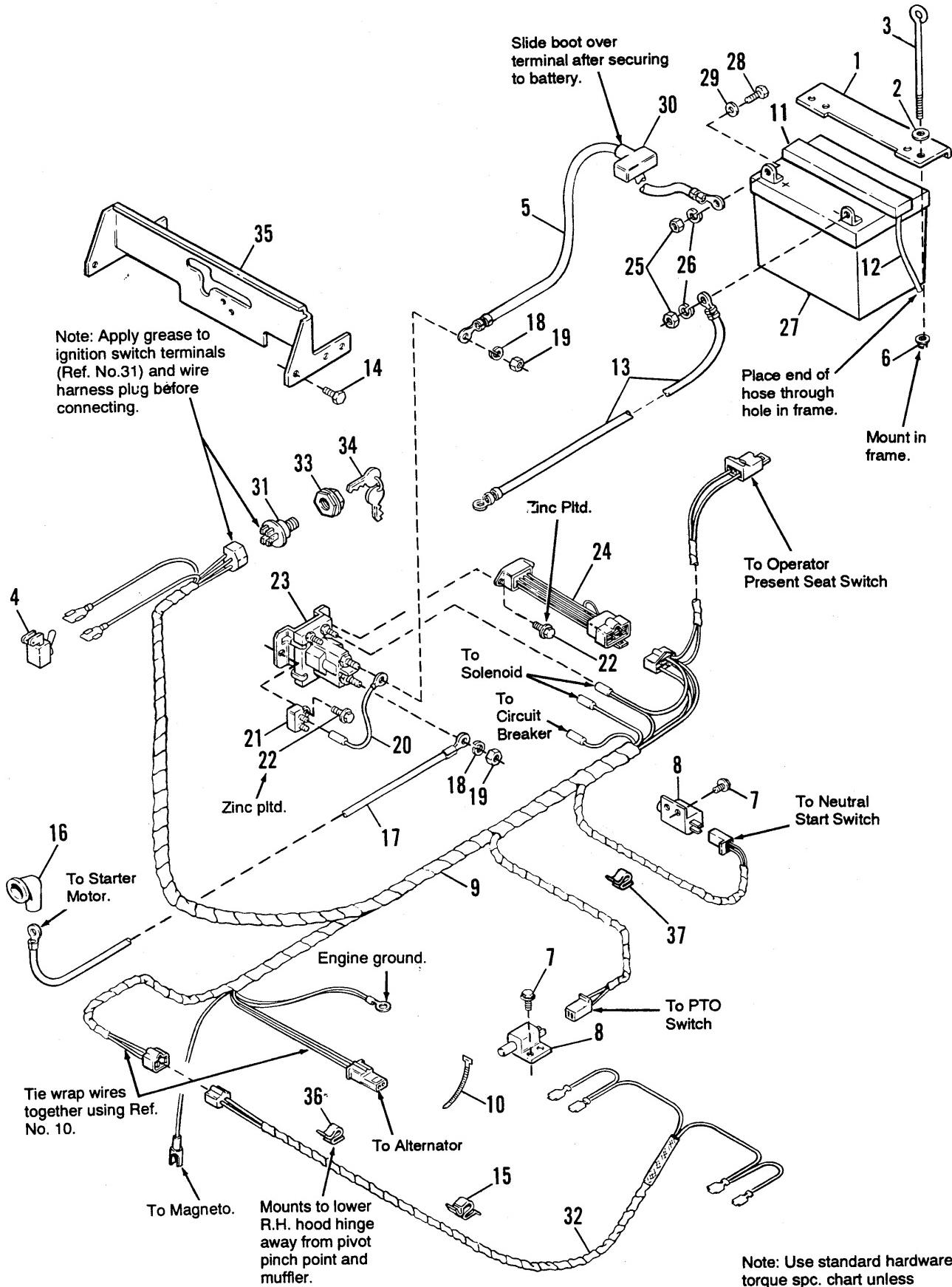
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Ref. No.	Part No.	Qty.	Description
1	156302	1	SPRING, External
2	1709793	1	BRAKE ARM ASSY.
3	1709783	1	ROD, Return
4	1918447	2	COTTER PIN, 3/32 x 3/4
5	1919326	2	WASHER, Plain, 11/32 x 3/4 x 1/16
6	159106	1	SPRING, External
7	1709791	1	ROD, Brake
8	1919439	1	NUT, Hex, Esna, Lock, 3/8-16
9	1928352	3	NUT, Flange, Whizlock, 3/8-16
10	108419	2	BUSHING, Plastic
11	1931353	2	CARRIAGE BOLT, 3/8-16 x 1-3/4
12	1666759	1	SPRING
13	1707289	1	PULLEY, Idler
14	1924940	7	WASHER, 13/32 X 7/8 X 5/64
15	1928352	3	NUT, Flange, Whizlock, 3/8-16
16	1923903	1	CAPSCREW, Hex Hd., 3/8-16 x 3
17	1674669	2	SPACER
18	1918447	2	COTTER PIN, 3/32 x 3/4
19	1919326	2	WASHER, Plain, 11/32 x 3/4 x 1/16
20	1709789	1	IDLER ARM ASSY.
21	1921332	1	CAPSCREW, Hex Hd., 5/16-18 x 3/4
22	1708029	1	PULLEY, "V"
23	1709863	1	BELT STOP
24	1709780	1	ROD, Clutch
25	1919438	1	NUT, Hex, Esna, Lock, 3/8-16
26	1709097	1	SPRING
27	1917372	3	NUT, Hex, 3/8-16
28	1917356	3	LOCKWASHER, Spring, 3/8
29	1709810	1	ACTUATOR, Switch

**BRAKE LINKAGE ADJUSTMENT**

1. Perform parking brake adjustment in Operator's Manual.
2. With brake/clutch pedal depressed and parking brake locked, adjust brake spring (Ref. No. 26) to have an overall length of 2-7/8" - 3".

\*\*2413

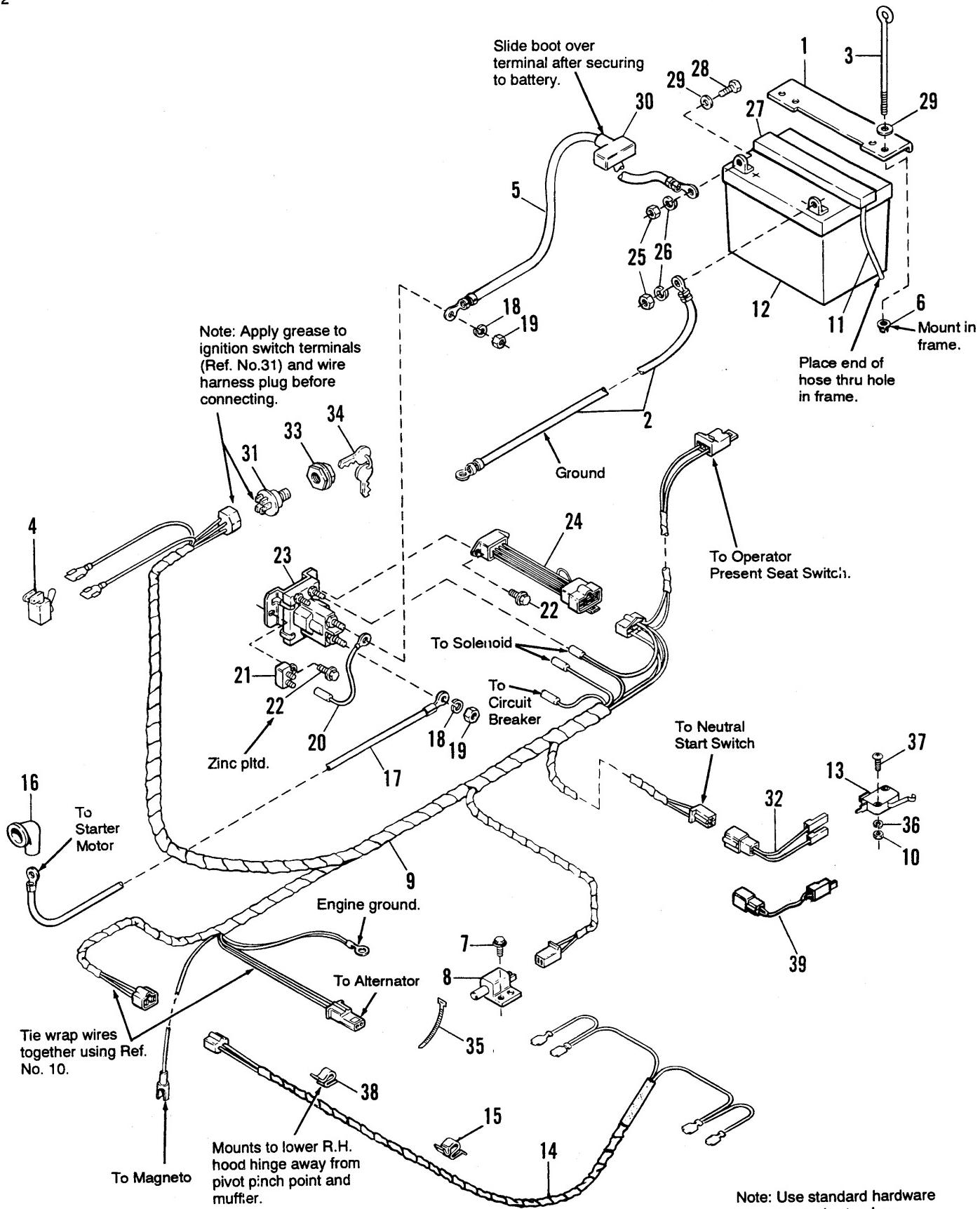


**Note: Use standard hardware torque spc. chart unless otherwise noted.**

## Gear Electrical Group

Ref. No.	Part No.	Qty.	Description
1	1669831	1	HOLD DOWN, Battery
2	1921319	2	WASHER, 9/32
3	1700472	2	ROD, Battery Hold Down
4	122184	1	SWITCH, Headlight
5	1603618	1	CABLE, Ground
6	1704349	2	NUT, Retainer, 1/4-20
7	1929477	4	SCREW, Taptite, #10-24 x 1/2
8	1701580	2	SWITCH, PTO and Neutral
9	1707757	1	HARNESS, Wiring
10	932747	1	TIE, Self-Locking
11	1704581	1	VENT CAP, Battery
12	1704583	1	HOSE, Drain
13	1703484	1	CABLE, Ground
14	1925003	6	SCREW, Taptite, 1/4-20 x 3/8
15	172434	1	CLIP, Cable
16	122023	1	COVER, Terminal
17	1701522	1	CABLE
18	1917356	2	LOCKWASHER, 5/16
19	1920263	2	NUT, Hex, 5/16-24
20	1665237	1	WIRE ASSY.
21	1665238	1	CIRCUIT BREAKER
22	927429	2	SCREW, Taptite, 1/4-20 x 5/8, Zinc Pltd.
23	1700751	1	SOLENOID
24	1707755	1	MODULE, DSI Interlock, Seat Switch
25	1916622	2	NUT, Hex, 1/4-20
26	1916964	2	LOCKWASHER, 1/4
27	1685215	1	BATTERY
28	1923341	2	CAPSCREW, Hex Hd., 1/4-20 x 3/4
29	1921319	2	WASHER, 1/4 I.D.
30	1677296	1	BOOT, Insulator
31	1679006	1	SWITCH
32	1674358	1	WIRE ASSY., Headlights
33	1704347	1	ADAPTOR, Nut
34	1704348	1	KEYS
35	1701555	1	QUADRANT, Shift
36	930222	1	CLIP, Wire
37	165073	1	CLIP

\*\*2412

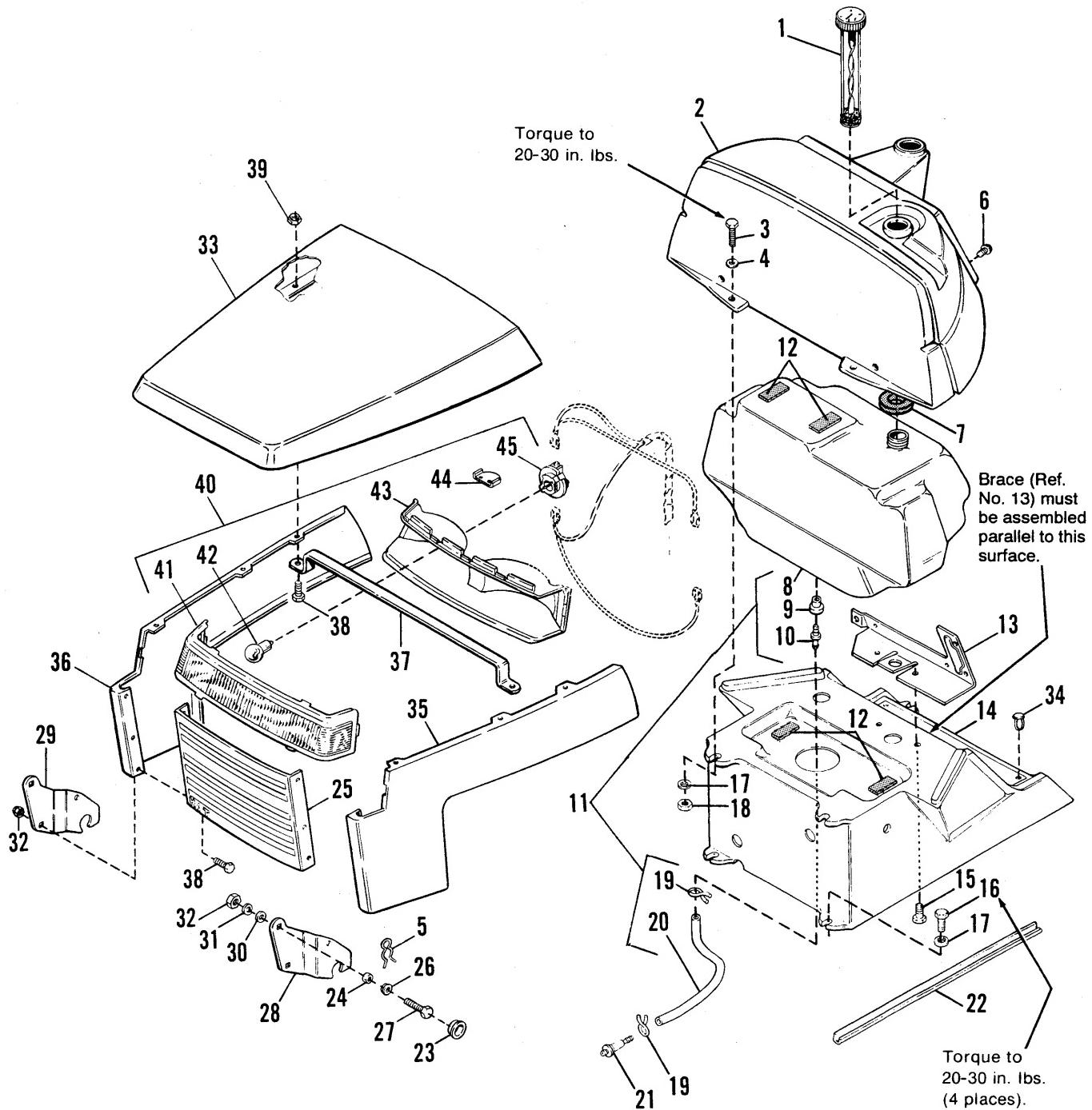


## Hydro Electrical Group

Ref. No.	Part No.	Qty.	Description
1	1669831	1	HOLD DOWN, Battery
2	1703484	1	CABLE, Ground (Negative)
3	1700472	2	ROD, Battery Hold Down
4	122184	1	SWITCH, Headlight
5	1603618	1	CABLE (Positive)
6	1704349	2	NUT, Retainer, 1/4-20
7	1929477	2	SCREW, Taptite, #10-24 x 1/2 (Mfg. Nos. 1692156, 1692164)
8	1701580	1	SWITCH, PTO
9	1707757	1	HARNESS, Wiring
10	1931003	2	NUT, Hex, #5-40 (Mfg. Nos. 1692156, 1692164)
11	1704583	1	HOSE, Battery Drain
12	1685215	1	BATTERY
13	1665586	1	SWITCH, Transmission Interlock (Mfg. Nos. 1692156, 1692164)
	1704379	1	SWITCH, Transmission Interlock (Mfg. Nos. 1692259, 1692263)
14	1674358	1	WIRE ASSY., Headlights
15	165073	1	CLIP, Wire
16	122023	1	COVER, Terminal
17	1701522	1	CABLE
18	1917356	2	LOCKWASHER, 5/16
19	1920263	2	NUT, Hex, 5/16-24
20	1665237	1	WIRE ASSY.
21	1665238	1	CIRCUIT BREAKER
22	927429	2	SCREW, Taptite, 1/4-20 x 5/8, Zinc Pltd.
23	1700751	1	SOLENOID
24	1707755	1	MODULE, Interlock, Seat Switch
25	1916622	2	NUT, Hex, 1/4-20
26	1916964	2	LOCKWASHER, 1/4
27	1704581	1	VENT CAP, Battery
28	1923341	2	CAPSCREW, Hex Hd., 1/4-20 x 3/4
29	1921319	4	WASHER, 1/4
30	1677296	1	BOOT, Insulator
31	1679006	1	SWITCH, Ignition
32	1702323	1	ADAPTOR, Wire (Mfg. Nos. 1692156, 1692164)
33	1704347	1	ADAPTOR NUT
34	1704348	1	KEYS
35	932747	1	TIE, Cable (Qty. 3 used on Mfg. Nos. 1692259, 1692263)
36	1930947	2	LOCKWASHER, #5 (Mfg. Nos. 1692156, 1692164)
37	1935031	2	SCREW, Phillips #5-40 x 3/4 (Mfg. Nos. 1692156, 1692164)
38	930222	1	CLIP, Wire
39	1709849	1	ADAPTOR, Wire (Mfg. Nos. 1692259, 1692263)

*Hood, Grille & Dash Group*

\*\*2424



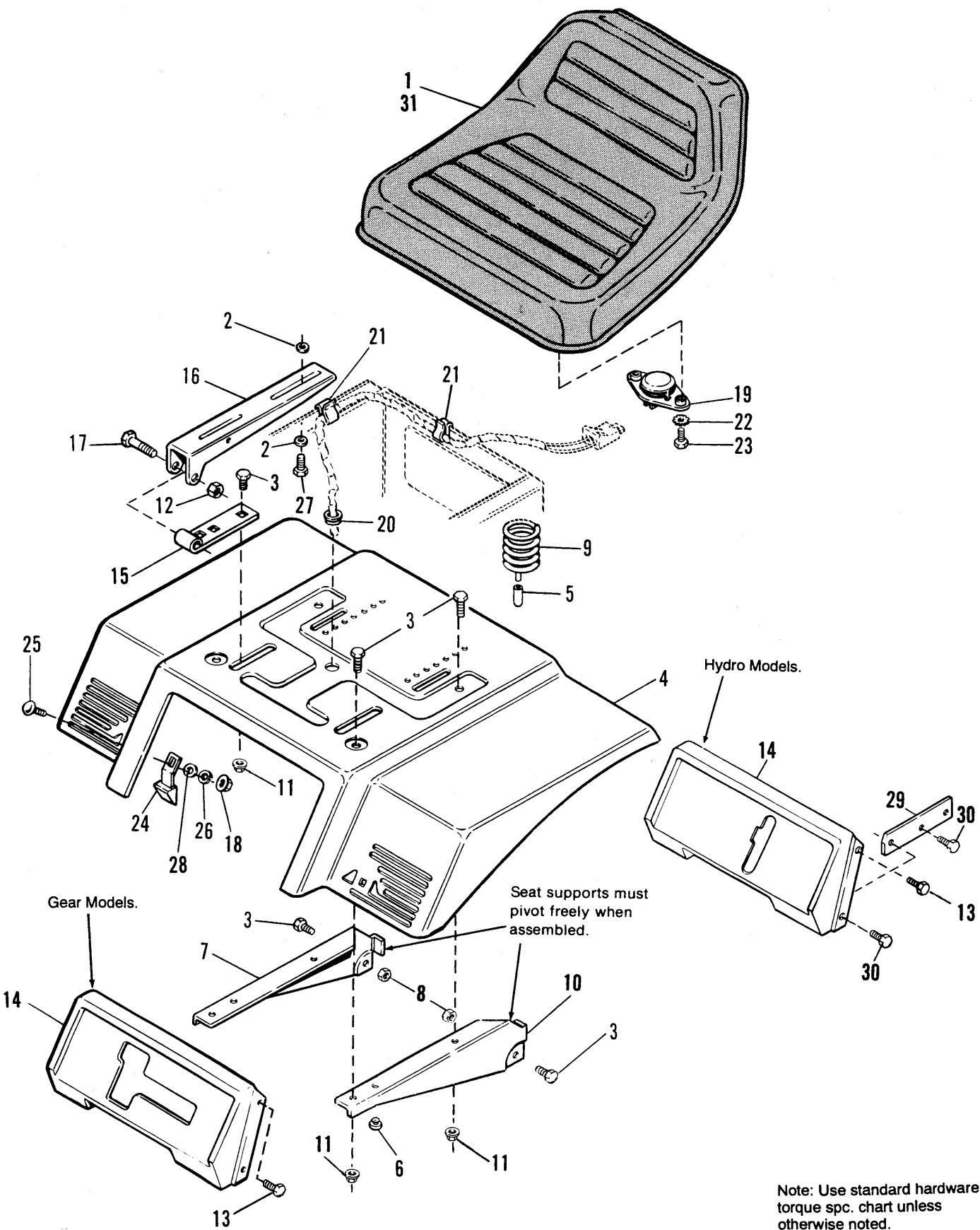
Note: Use standard hardware  
torque spc. chart unless  
otherwise noted.

**All Models****Hood, Grille & Dash Group**

<b>Ref. No.</b>	<b>Part No.</b>	<b>Qty.</b>	<b>Description</b>
1	171252	1	CAP, Fuel Tank
2	1708753	1	DASHBOARD, Top
3	1921961	2	CAPSCREW, Hex, 1/4-20 x 1-1/4
4	1917377	8	WASHER, 1/4, std.
5	1704628	2	CLIP, Hairpin
6	1676860	2	SCREW, Hex , Washer Hd., 1/4-20 x 5/8
7	1664897	1	WASHER, Foam
8		1	FUEL TANK (See Ref. No. 11)
9	1654930	1	BUSHING
10	1666447	1	FITTING
11	1666490	1	TANK ASSY., Fuel (Incl. Ref. Nos. 8, 9, 10, 19 (Qty. 1) & 20)
12	173335	4	PAD
13	1665301	1	BRACE
14	1707393	1	DASHBOARD, Bottom
15	1925592	2	SCREW, Taptite, 1/4-20 x 3/4
16	1929783	4	SCREW, Taptite, 1/4-20 x 1
17	1931704	6	LOCKWASHER, Dish, 1/4
18	1923358	2	LOCKNUT, Hex, 1/4-20
19	1960112	2	CLAMP, Hose
20	1657575	1	HOSE, Fuel (12" long)
21	173206	1	FILTER, Fuel
22	1672123	2	EDGING, Lower Dash
23	1704626	2	SPACER, Hood
24	1705249	2	SPACER
25	1703292	1	GRILLE
26	1705248	2	PIVOT, Hood
27	1921977	2	CAPSCREW, Hex Hd., 5/16-18 x 1-1/4
28	1708754	1	HINGE, L. H.
29	1708755	1	HINGE, R. H.
30	1919326	2	WASHER, Plain 5/16
31	1917356	2	LOCKWASHER, 5/16
32	1917372	2	NUT, Hex, 5/16-18
33	1708750	1	HOOD
34	1667248	4	CLIP, Canoe
35	1708751	1	SIDE PANEL, L.H.
36	1708752	1	SIDE PANEL, R.H.
37	1708756	1	BAR-TIE, Hood
38	1960295	12	SCREW, Hex, Whizlock, 1/4 -20 x 5/8
39	1920397	12	NUT, Hex, Nylon-lock, 1/4 -20
40	1703945	1	HEADLIGHT ASSY. (Incl. Ref. Nos. 41-45)
41	1703248	1	LENS, Headlight
42	1677371	2	BULB, Headlight, 12.8V
43	1703249	1	BEZEL, Headlight
44	1703946	2	HEAT SHIELD, Headlight
45	1677370	2	SOCKET, Bulb, Headlight

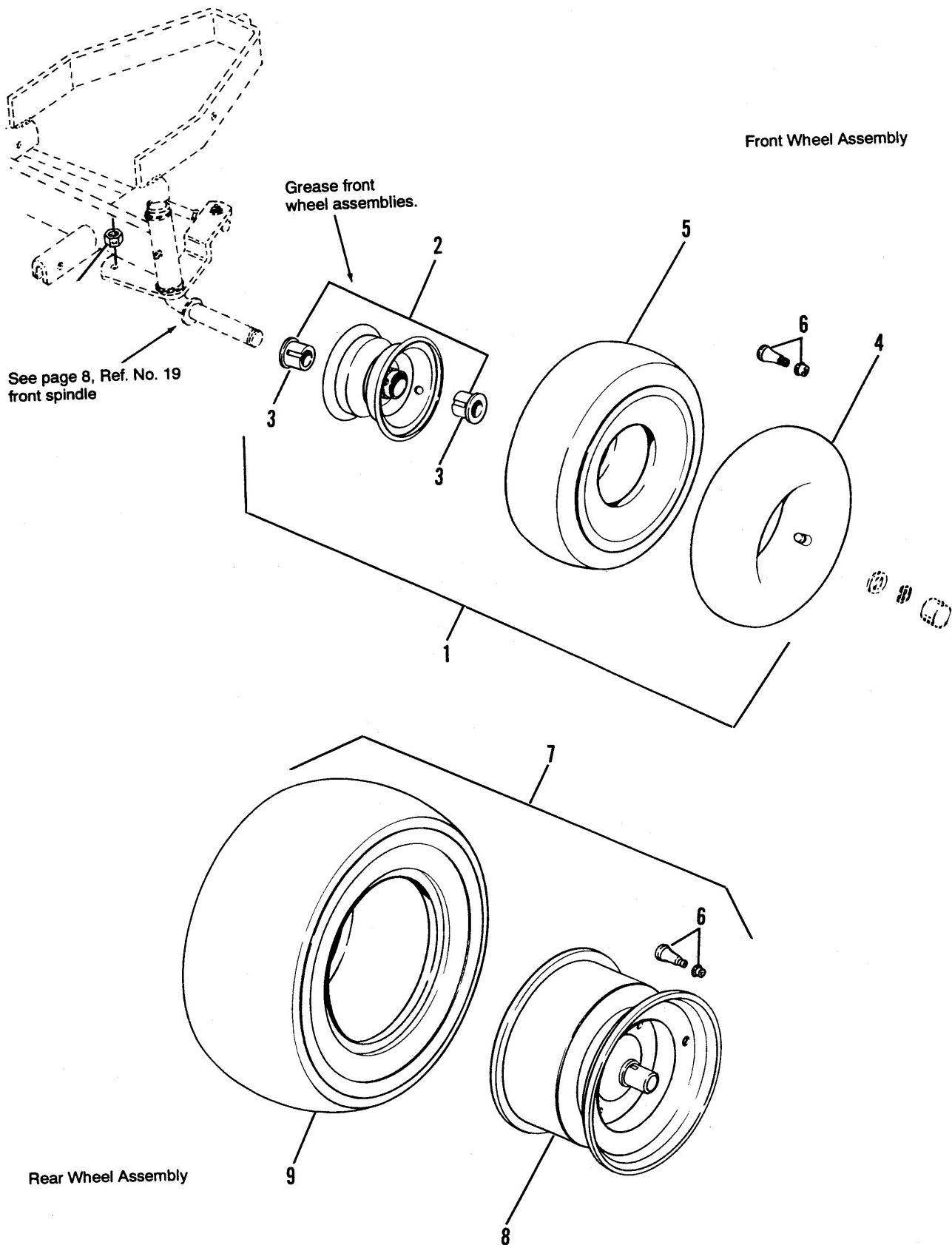
## Seat & Deck Group

\*\*1307



**All Models****Seat & Deck Group**

<b>Ref. No.</b>	<b>Part No.</b>	<b>Qty.</b>	<b>Description</b>
1	1709021	1	SEAT (Incl. Ref. No. 31)
2	1919326	4	WASHER, Plain, 5/16
3	1921332	10	CAPSCREW, Hex, 5/16-18 x 3/4
4	1702690	1	DECK, Seat
5	1666691	2	COVER, Wire
6	1701742	2	BUMPER, Plug
7	1701736	1	SUPPORT, Seat, R.H.
8	1919438	2	LOCKNUT, Hex, 5/16-18
9	1666690	2	SPRING, Seat
10	1701737	1	SUPPORT, Seat, L.H.
11	1927557	8	NUT, Hex, Flange, Whizlock, 5/16-18
12	1930651	2	LOCKNUT, Hex, 3/8-16
13	1928729	2	SCREW, Hex, Taptite, 5/16-18 x 3/8 (Gear models, Mfg. Nos. 1692160, 1692166)
14	1668839	1	PANEL, Shift (Gear models, 1692160, 1692166)
	1670670	1	PANEL, Shift (Hydro models, Mfg. Nos. 1692156, 1692164)
	1709824	1	PANEL, Shift (Hydro models, Mfg. Nos. 1692259, 1692263)
15	1678415	2	HINGE, Lower
16	1701559	2	HINGE, Upper
17	1923701	2	CAPSCREW, Hex, 3/8-16 x 2
18	1917372	2	NUT, Hex, Full, 5/16-18
19	1703373	1	SWITCH, Seat
20	1701229	1	BUSHING, Snap
21	930222	2	CLIP
22	1921880	2	LOCKWASHER, 1/4 Ext. Tooth
23	1960357	2	SCREW, Rd. Hd., 1/4-20 x 3/4
24	1701252	2	SEAT LATCH ASSY.
25	1931333	2	CARRIAGE BOLT, 5/16-18 x 3/4
26	1917356	2	LOCKWASHER, 5/16
27	1925205	4	CAPSCREW, Hex Hd., 5/16-18
28	1917642	2	WASHER, 5/16 Std.
29	1670674	2	BRACE, Shift Panel (Hydro models , Mfg. Nos.1692156, 1692164)
	1709775	2	BRACE, Shift Panel (Hydro models, Mfg. Nos. 1692259, 1692263)
30	1924856	4	SCREW, Taptite, 1/4-20 x 3/8 (Hydro models, Mfg. Nos. 1692156, 1692164, 1692259, 16922630)
31	1709973	1	SEAT COVER

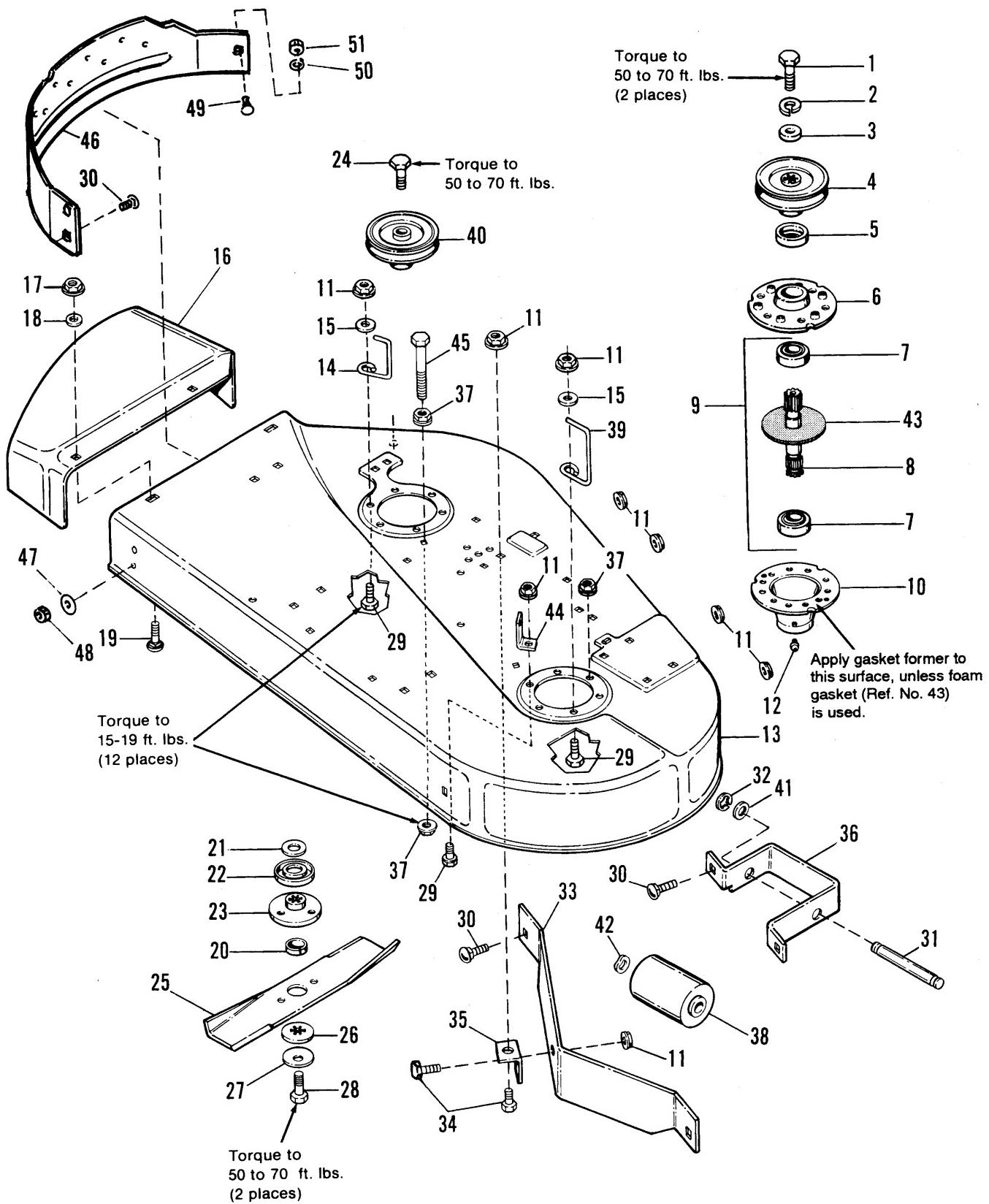


**All Models****Wheels & Tires Group**

<b>Ref. No.</b>	<b>Part No.</b>	<b>Qty.</b>	<b>Description</b>
<b>Wheel Assemblies equipped with Dico Tires</b>			
1	1709854	2	FRONT WHEEL & TIRE ASSY., Beige, 15 x 6.00-6 (Incl. Ref. Nos. 2, 3, 4, 5 & 6)
	1709854	2	FRONT WHEEL & TIRE ASSY., Silver, 15 x 6.00-6 (Incl. Ref. Nos. 2, 3, 4, 5 & 6)
*2	1713165	2	FRONT WHEEL ASSY., Beige, (Incl. Ref. No. 3)
	1713168	2	FRONT WHEEL ASSY., Silver, (Incl. Ref. No. 3)
3	1713167	4	BEARING
4	1664090	2	TUBE, Front Wheel, 4.10/3.50-6
5	1713166	2	TIRE, Front Wheel, 15 x 6.00-6
6	172353	4	VALVE STEM & CAP
7	1709855	2	REAR WHEEL & TIRE ASSY., Beige, 18 x 8.50-8 (Incl. Ref. Nos. 6, 8, 9 & 10)
	1709857	2	REAR WHEEL & TIRE ASSY., Silver, 18 x 8.50-8 (Incl. Ref. Nos. 6, 8, 9 & 10)
8	1713169	2	REAR WHEEL ASSY., Beige, 18 x 8.50-8
	1713171	2	REAR WHEEL ASSY., Silver, 18 x 8.50-8
9	1713170	2	TIRE, Rear Wheel, 18 X 8.50-8
<b>Wheel Assemblies equipped with Carlisle Tires</b>			
1	1705376	2	FRONT WHEEL & TIRE ASSY., Beige, 15 x 6.00-6 (Incl. Ref. Nos. 2, 3, 4, 5 & 6)
	1705378	2	FRONT WHEEL & TIRE ASSY., Silver, 15 x 6.00-6 (Incl. Ref. Nos. 2, 3, 4, 5 & 6)
*2	1705377	2	FRONT WHEEL ASSY., Beige, (Incl. Ref. No. 3)
	1705379	2	FRONT WHEEL ASSY., Silver, (Incl. Ref. No. 3)
3	1679713	4	BEARING
4	1664090	2	TUBE, Front Wheel, 4.10/3.50-6
5	1653618	2	TIRE, Front Wheel, 15 x 6.00-6
6	172353	4	VALVE STEM & CAP
7	1673244	2	REAR WHEEL & TIRE ASSY., Beige, 18 x 8.50-8 (Incl. Ref. Nos. 6, 8, 9 & 10)
	1677545	2	REAR WHEEL & TIRE ASSY., Silver, 18 x 8.50-8 (Incl. Ref. Nos. 6, 8, 9 & 10)
8	1673245	2	REAR WHEEL ASSY., Beige, 18 x 8.50-8
	1677546	2	REAR WHEEL ASSY., Silver, 18 x 8.50-8
9	1655916	2	TIRE, Rear Wheel, 18 x 8.50-8

**36" Mower Deck & Arbor Group**

\*\*54



Note: Use standard hardware torque spc. chart unless otherwise noted.

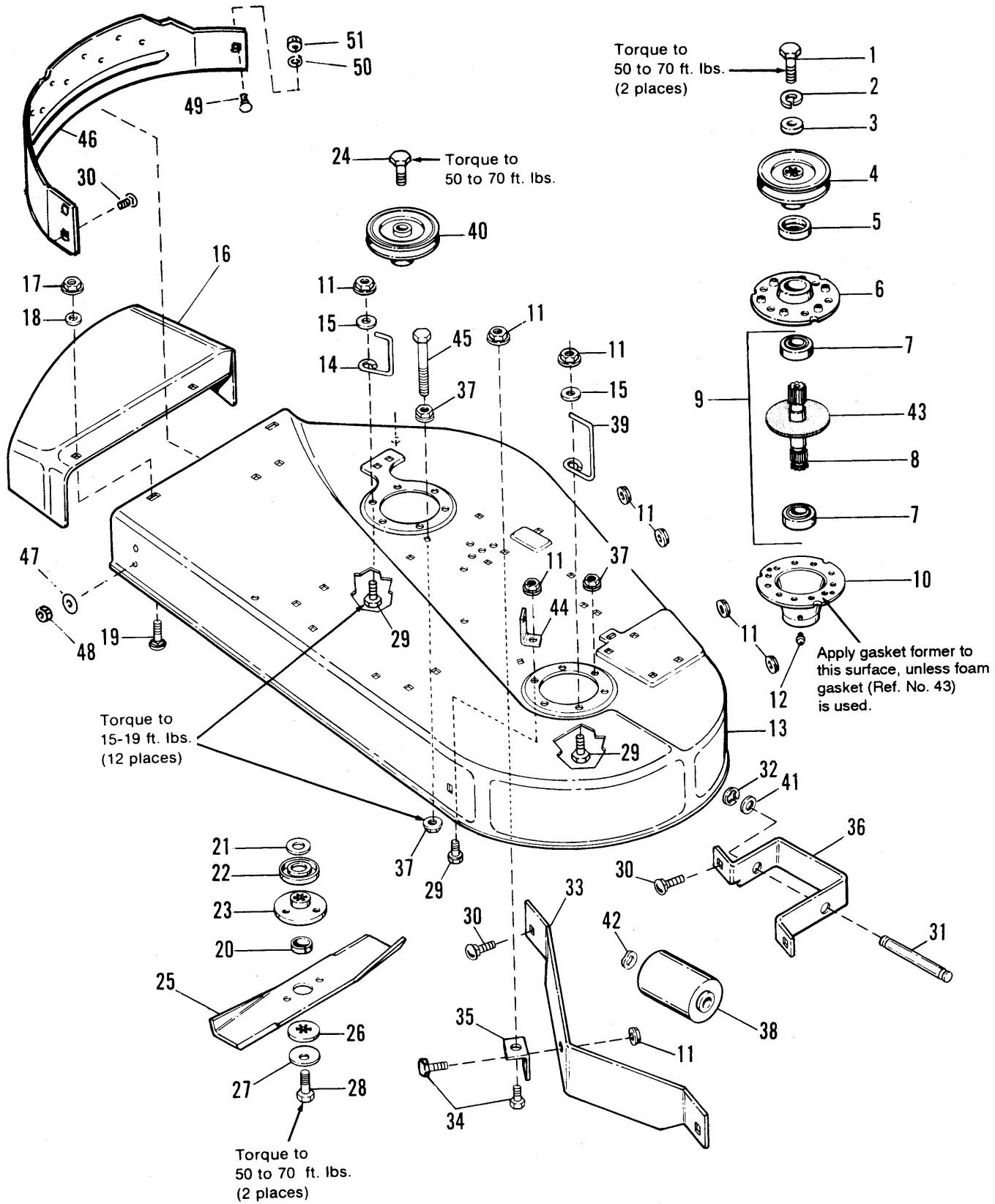
**All Models****36" Mower Deck & Arbor Group**

Ref. No.	Part No.	Qty.	Description
1	1930585	2	CAPSCREW, Hex Hd., 7/16-14 x 3-1/2
2	1918199	2	LOCKWASHER, 7/16
3	1933263	2	WASHER, 29/64 x 1-1/4 x 1/4
4	1673109	1	PULLEY ASSY.
5	1657969	2	SHIELD, Bearing, Upper
6	1655729	2	ARBOR HOUSING, Top
7	108202	4	BEARING
8	1685245	2	SHAFT, Arbor (Incl. Ref. No. 20)
9	1685251	2	SHAFT & BEARING ASSY. (Incl. Ref. Nos. 7 (Qty. 2), 8, 20 & 43)
10	1703273	2	ARBOR HOUSING ASSY., Bottom (Incl. Ref. No. 12)
11	1931277	9	NUT, Hex, Flange, Whizlock, 5/16-18
12	1704314	2	GREASE FITTING
13	1685102	1	HOUSING, 36", ORANGE (Incl. Safety Decals)
	61685102	1	HOUSING, 36", BLACK (Incl. Safety Decals)
14	1657660	1	STOP, Belt
15	1919326	2	WASHER, 11/32
16	1702190	1	DEFLECTOR, ORANGE
	61702190	1	DEFLECTOR, BLACK
17	1931211	2	NUT, Hex, Flange, Whizlock, 3/8-16
18	1924940	2	WASHER, 13/32
19	1931348	2	CARRIAGE BOLT, 3/8-16 x 3/4
20	1672132	2	COLLAR, Arbor
21	1700230	2	WASHER, Shim
22	1700229	2	SHIELD, Grass
23	1655777	2	ADAPTOR, Blade
24	1930584	1	CAPSCREW, Hex Hd., 7/16-14 x 2-3/4
25	1657589	2	BLADE, 36"
26	1656927	2	WASHER, Spline
27	1656916	2	WASHER, Cup
28	1923491	2	CAPSCREW, Hex Hd., 7/16-14 x 1
29	1960373	12	SCREW, Hex, Wash. Hd., Taptite, 5/16-18 x 1
30	1931333	6	CARRIAGE BOLT, 5/16-18 x 3/4
31	1603205	1	SHAFT, Roller, Center
32	927793	1	E-RING
33	1671577	1	BAFFLE
34	1921332	2	CAPSCREW, Hex Hd., 5/16-18 x 3/4
35	1668500	1	BRACKET, Mower
36	1705953	1	BRACKET, Center, Roller
37	1927557	4	NUT, Hex, Flange, Whizlock, 5/16-18
38	1668513	1	ROLLER
39	1673106	1	STOP, Belt

See pages 44 - 45 for Ref. Nos. 40 - 51.

**36" Mower Deck & Arbor Group**

\*\*54



*All Models*

*36" Mower Deck & Arbor Group (continued)*

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Ref. No.	Part No.	Qty.	Description
40	1655839	1	PULLEY ASSY.
41	960171	1	WASHER, Nylon
42	1678100	1	WASHER, Wave
43	1707335	2	GASKET, Foam
44	1678339	1	BRACKET, Lift
45	1925690	1	CAPSCREW, Hex Hd., 5/16-18 x 3-1/2
46	1707992	1	BAFFLE, Mulching (See Note below)
47	1917356	2	LOCKWASHER, 5/16
48	917372	2	NUT, Hex, 5/16-18
49	1931317	1	CARRIAGE BOLT, 1/4-20 x 3/4
50	1916964	1	LOCKWASHER, 1/4
51	1916622	1	NUT, Hex, 1/4-20
<b>Not Shown</b>			
	1686609	1	LEAF SHREDDER KIT, Optional, used with mulching baffle, Ref. No. 46 (Incl. Qty. 8-1707684, Leaf Shredders, Qty. 8-1919438, Lock nuts)

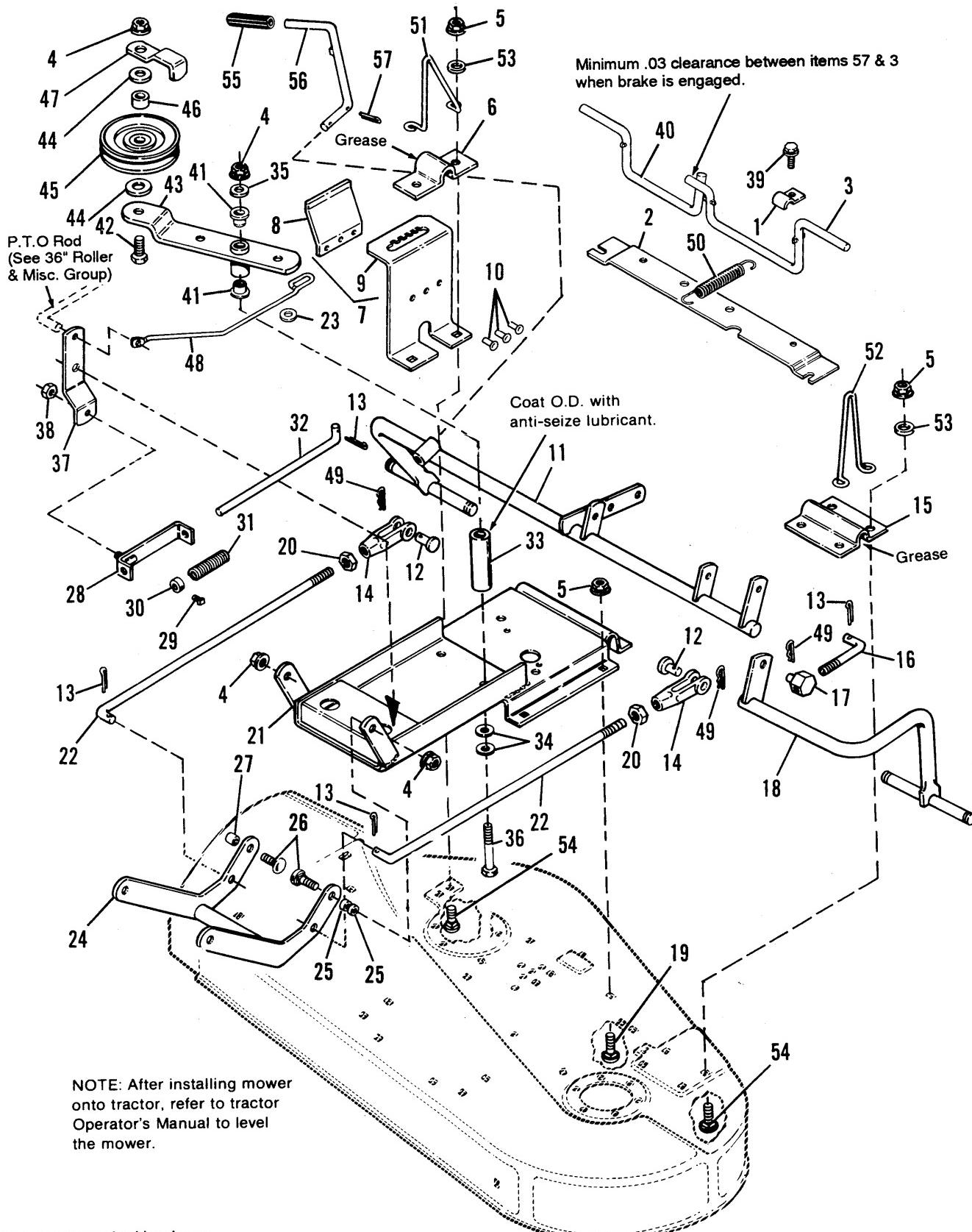
See pages 42 & 43 for Ref. Nos. 1 - 39.

**NOTE:** The mulching baffle (Ref. No. 46) is an option on Hydro models, Mfg. Nos. 1692156 & 1692164 and on earlier styles of all other models. It is standard equipment on later styles of the following models, beginning with the indicated serial numbers:

Hydro Model, Mfg. No. 1692259:                   Serial No. 4191  
Hydro Model, Mfg. No. 1692263:                   Serial No. 1029  
Gear Model, Mfg. No. 1692160:                   Serial No. 4191  
Gear Model, Mfg. No. 1692166:                   Serial No. 1412

**36" Clutch & Roller Support Group**

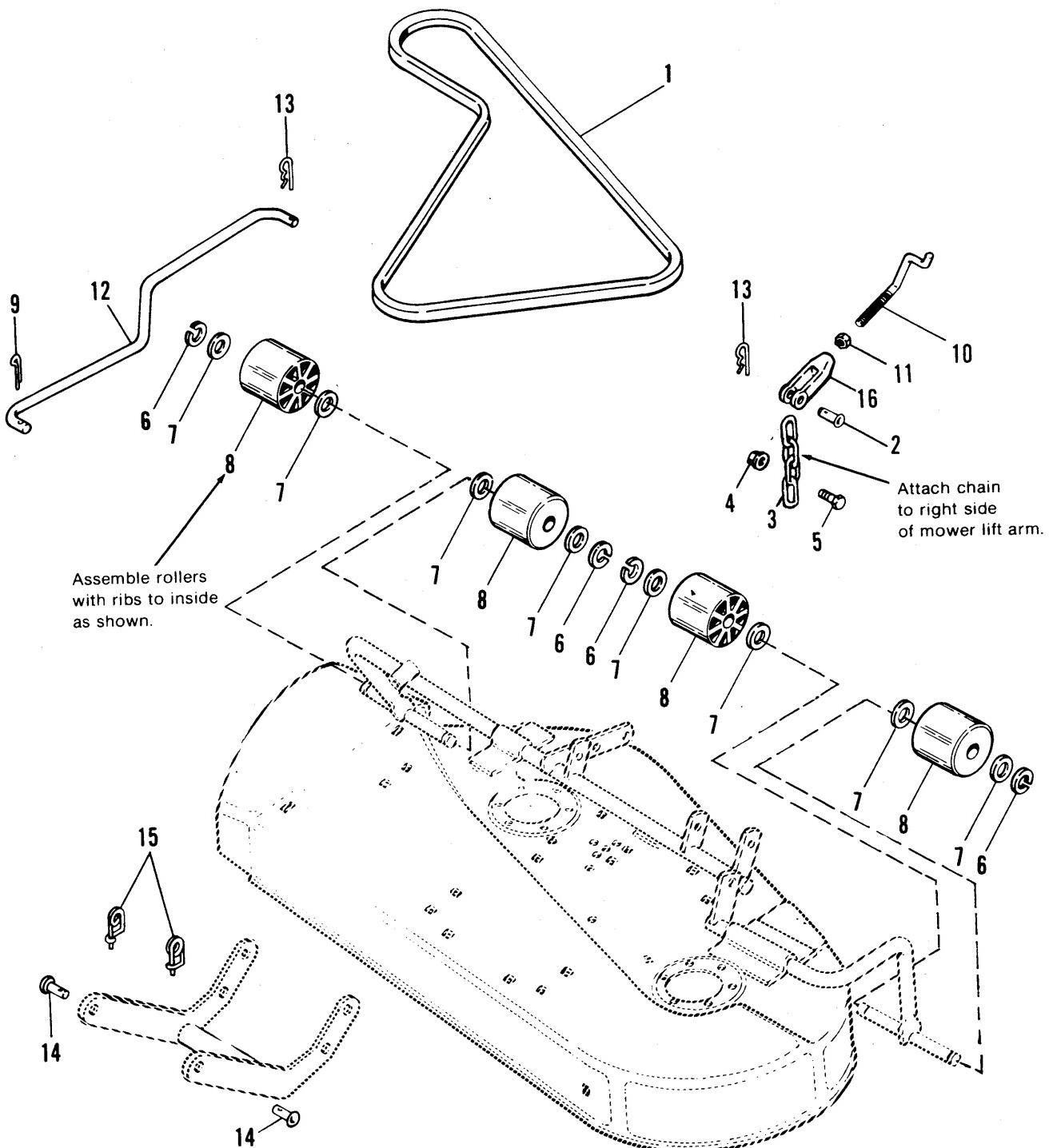
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Note: Use standard hardware torque spc. chart unless otherwise noted.

**All Models****36" Clutch & Roller Support Group**

<b>Ref. No.</b>	<b>Part No.</b>	<b>Qty.</b>	<b>Description</b>
1	1664004	4	CLIP, Brake Rod
2	1701532	1	SUPPORT, Brake
3	1701535	1	ROD, Brake
4	1930645	4	NUT, Hex Flange, 3/8-16
5	1931277	14	NUT, Hex, Flange, Whizlock, 5/16-18
6	1654655	1	STRAP
7	1663223	1	QUADRANT ASSY. (Includes Ref. Nos. 8, 9 & 10)
8	1663222	1	SPRING, Flat
9		1	QUADRANT (See Ref. No. 7)
10	910542	3	RIVET, Tubular, 3/16 x 5/16
11	1668099	1	SUPPORT ASSY., Roller, R.H.
12	1923087	2	PIN, Clevis
13	1918447	4	PIN, Cotter, 3/32 x 3/4
14	108157	2	CLEVIS, Adjusting
15	1653768	1	CLAMP, Adjusting, Wheel Support
16	1655811	1	ROD, Bolt
17	108512	1	PIVOT
18	1668098	1	SUPPORT ASSY., Roller, L.H.
19	1931333	8	CARRIAGE BOLT, 5/16-18 x 3/4
20	1916950	4	NUT, Hex, Full, 3/8-16
21	1702341	1	SUPPORT ASSY., Mower
22	1702502	2	ROD, Height Adjustment
23	1924940	1	WASHER, 13/32
24	1674011	1	ARM ASSY., Rocker
25	108717	2	SPACER
26	1923220	2	CARRIAGE BOLT, 3/8-16 x 1-1/4
27	154177	1	SPACER
28	108662	1	GUIDE ASSY., Rod
29	1928804	1	SETSCREW, 1/4-20 x 3/8
30	8191022	1	COLLAR, Set
31	163103	1	SPRING
32	171320	1	ROD, Clutch
33	1657242	1	SPACER
34	924356	2	WASHER
35	1924940	1	WASHER, Plain, 13/32
36	1928957	1	CAPSCREW, Hex Hd., 3/8-16 x 2-3/4
37	1656991	1	ARM, Pivot
38	1923362	1	LOCKNUT, Hex, 5/16-18
39	1924856	4	SCREW, Hex Hd., Taptite, 5/16-18 x 1/2
40	1701536	1	ROD, Brake
41	1663114	2	BUSHING, Universal
42	1921971	1	CAPSCREW, Hex Hd., 3/8-16 x 1-3/4
43	1677750	1	LEVER ASSY., Clutch (Incl. Ref. No. 56 Qty. 2)
44	1922755	2	WASHER, Plain
45	1685150	1	PULLEY ASSY.
46	1666294	1	SPACER
47	1677135	1	GUARD, Spring
48	1707563	1	ROD, Brake
49	1960074	3	CLIP, Hair Pin
50	159159	2	SPRING
51	1669232	1	UP-STOP, R.H.
52	1669233	1	UP-STOP, L.H.
53	1919326	4	WASHER, Plain
54	1920564	6	CARRIAGE BOLT, 5/16-18 x 1-1/4
55	176933	1	GRIP, Handle
56	1656412	1	LEVER, Control
57	1918452	1	COTTER PIN

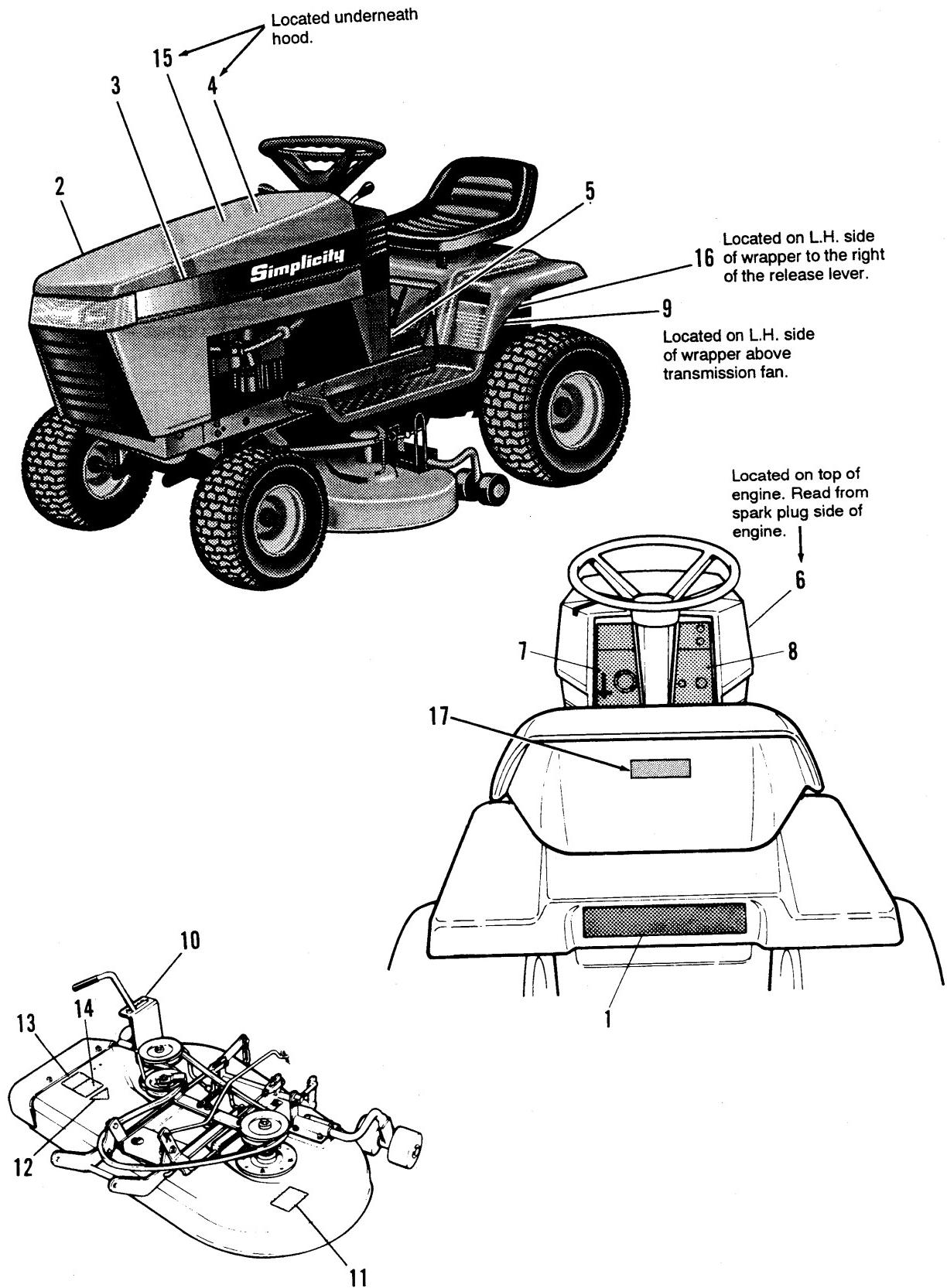


Note: Use standard hardware torque spc. chart unless otherwise noted.

**All Models****36" Roller & Misc. Group**

Ref. No.	Part No.	Qty.	Description
1	108505	1	V-BELT, Mower Drive
2	1673574	1	PIN, Rivet
3	1669241	1	CHAIN, Lift 4 Links
4	1935048	1	LOCKNUT, Hex, Flange, 5/16-18
5	1921333	1	CAPSCREW, Hex Hd., 5/16-18 x 1
6	153124	4	RING, Retaining
7	1960020	8	WASHER, Plain, 5/8
8	1668487	4	ROLLER
9	1918448	1	PIN, Cotter, 3/32 x 1
10	1685243	1	ROD, Lift
11	1920161	1	NUT, Jam, 5/16-18
12	1668744	1	ROD, P.T.O.
13	1960074	2	CLIP, Hairpin
14	156306	2	PIN
15	176012	2	CLIP, Safety

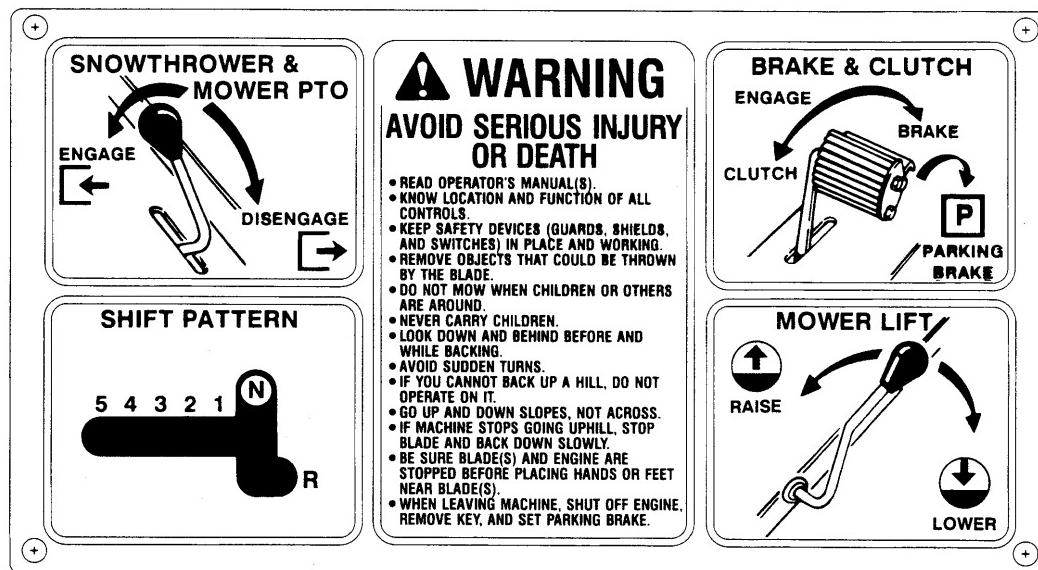
**Decal Group**



**Regent Series**

**Decal Group**

Ref. No.	Part No.	Qty.	Description
1	1668202	1	DECAL, Simplicity
2	1708617	1	DECAL, Hood, R.H. (Gear models only)
	1708615	1	DECAL, Hood, R.H. (Hydro models only)
3	1708616	1	DECAL, Hood, L.H. (Gear models only)
	1708614	1	DECAL, Hood, L.H. (Hydro models only)
4	1709064	1	DECAL, Drive Belt
5	1708276	1	DECAL, Shift Pattern (Gear models only)
	1708281	1	DECAL, Shift Pattern (Hydro model, Mfg. No. 1692156)
	1709861	1	DECAL, Shift Pattern (Hydro model, Mfg. No. 1692259)
6	1709081	1	DECAL, 12.5 HP, I/C
7	1673430	1	DECAL, Dash, L.H. Side
8	1709371	1	DECAL, Dash, R.H. Side
9	1701270	1	DECAL, Warning, Fan (Hydro Models only)
10	1656855	1	DECAL, Mower Height
11	1704276	1	DECAL, Danger, Rotating Blade
12		1	DECAL, OPEI (Not Serviced)
13	1704277	1	DECAL, Danger, Deflector in Place
14	1704910	2	DECAL, Cutting Width, 36"
15	1709061	1	DECAL, Touch-up Paint
16	1702637	1	DECAL, Tow Valve, (Hydro Model, Mfg. No. 1692156)
	1708918	1	DECAL, Tow Valve, (Hydro Model, Mfg. No. 1692259)
17	1708927	1	DECAL, USA



Ref. No. 5 (Gear Decal Shown)



Ref. No. 11

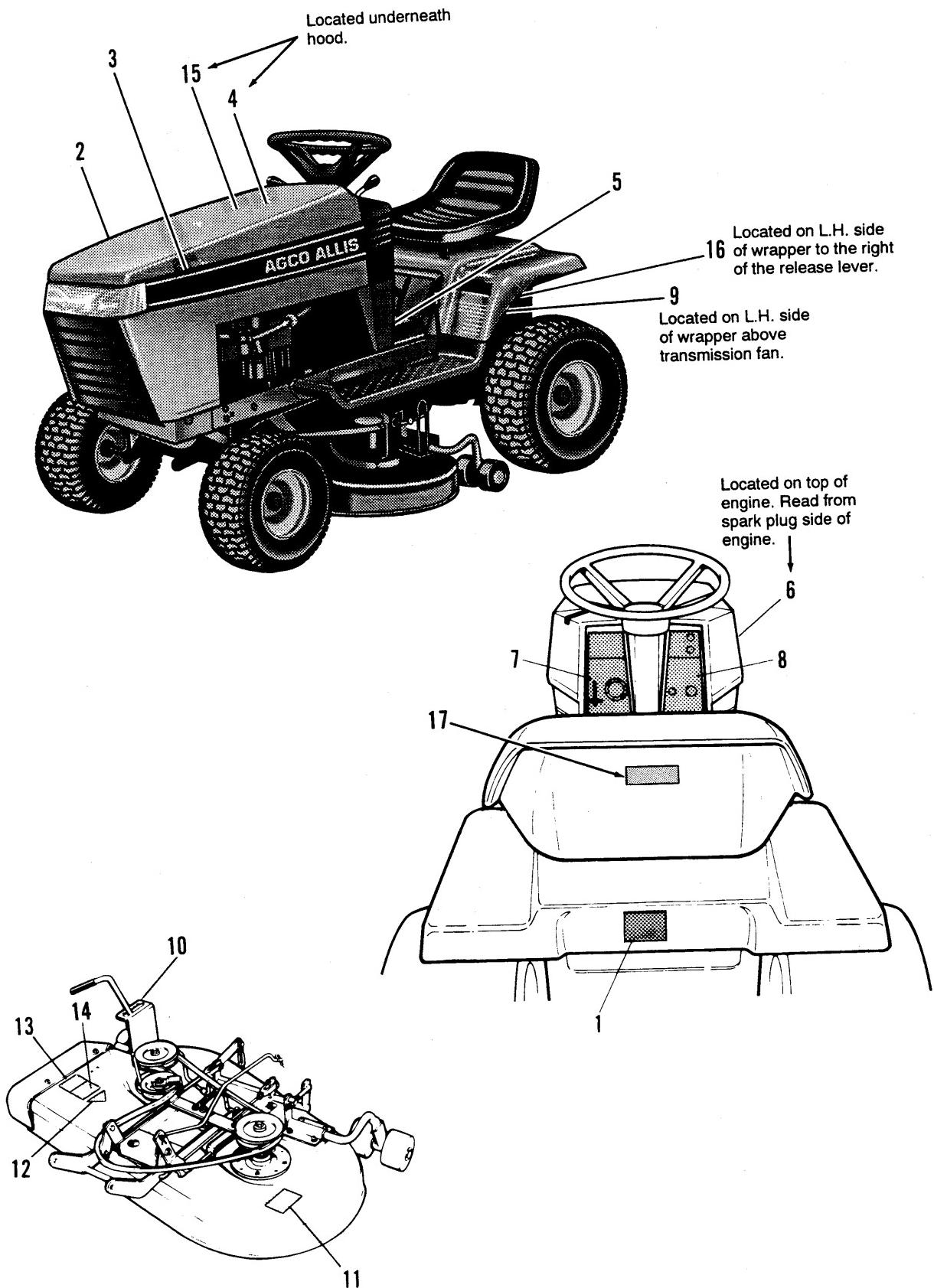


Ref. No. 13



Ref. No. 9

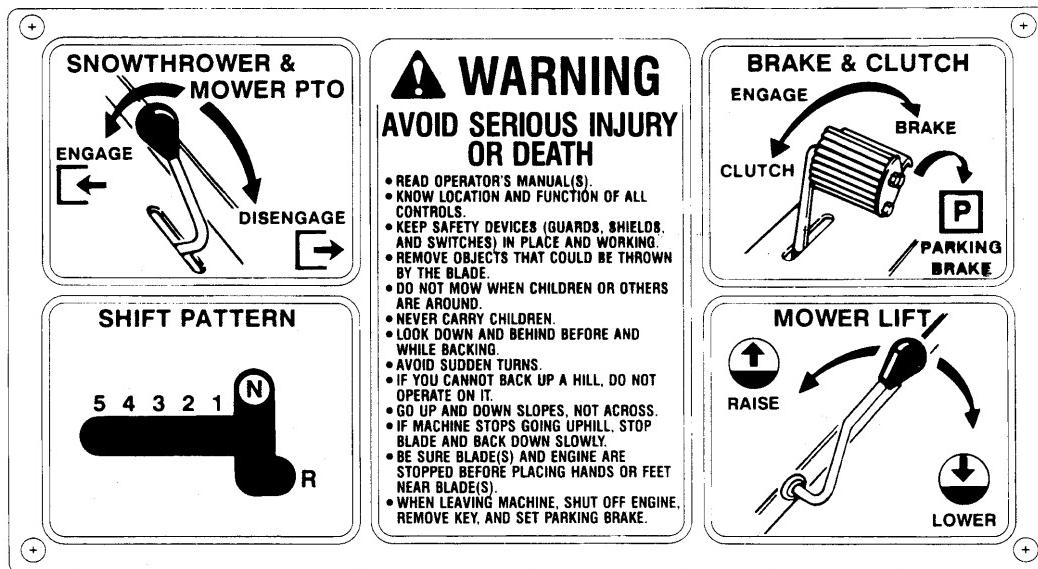
**Decal Group**



## 512 Series

### Decal Group

Ref. No.	Part No.	Qty.	Description
1	1708926	2	DECAL, AGCO Allis
2	1708824	1	DECAL, Hood, R.H. (Gear models only)
	1708821	1	DECAL, Hood, R.H. (Hydro models only)
3	1708823	1	DECAL, Hood, L.H. (Gear models only)
	1708820	1	DECAL, Hood, L.H. (Hydro models only)
4	1709064	1	DECAL, Drive Belt (Gear models only)
	1709704	1	DECAL, Drive Belt (Hydro models only)
5	1708276	1	DECAL, Shift Pattern (Gear models only)
	1708281	1	DECAL, Shift Pattern (Hydro model, Mfg. No. 1692164)
	1709861	1	DECAL, Shift Pattern (Hydro model, Mfg. No. 1692263)
6	1709083	1	DECAL, 12.5 HP, I/C
7	1709387	1	DECAL, Dash, L.H. Side
8	1709371	1	DECAL, Dash, R.H. Side
9	1701270	1	DECAL, Warning, Fan, (Hydro Models only)
10	1656855	1	DECAL, Mower Height
11	1704276	1	DECAL, Danger, Rotating Blade
12		1	DECAL, OPEI (Not Serviced)
13	1704277	1	DECAL, Danger, Deflector in Place
14	1704910	2	DECAL, Cutting Width, 36"
15	1709061	1	DECAL, Touch-up Paint
16	1702637	1	DECAL, Tow Valve, (Hydro model, Mfg. No. 1692164)
	1708918	1	DECAL, Tow Valve, (Hydro model, Mfg. No. 1692263)
17	1708927	1	DECAL, USA



Ref. No. 5 (Gear Decal Shown)



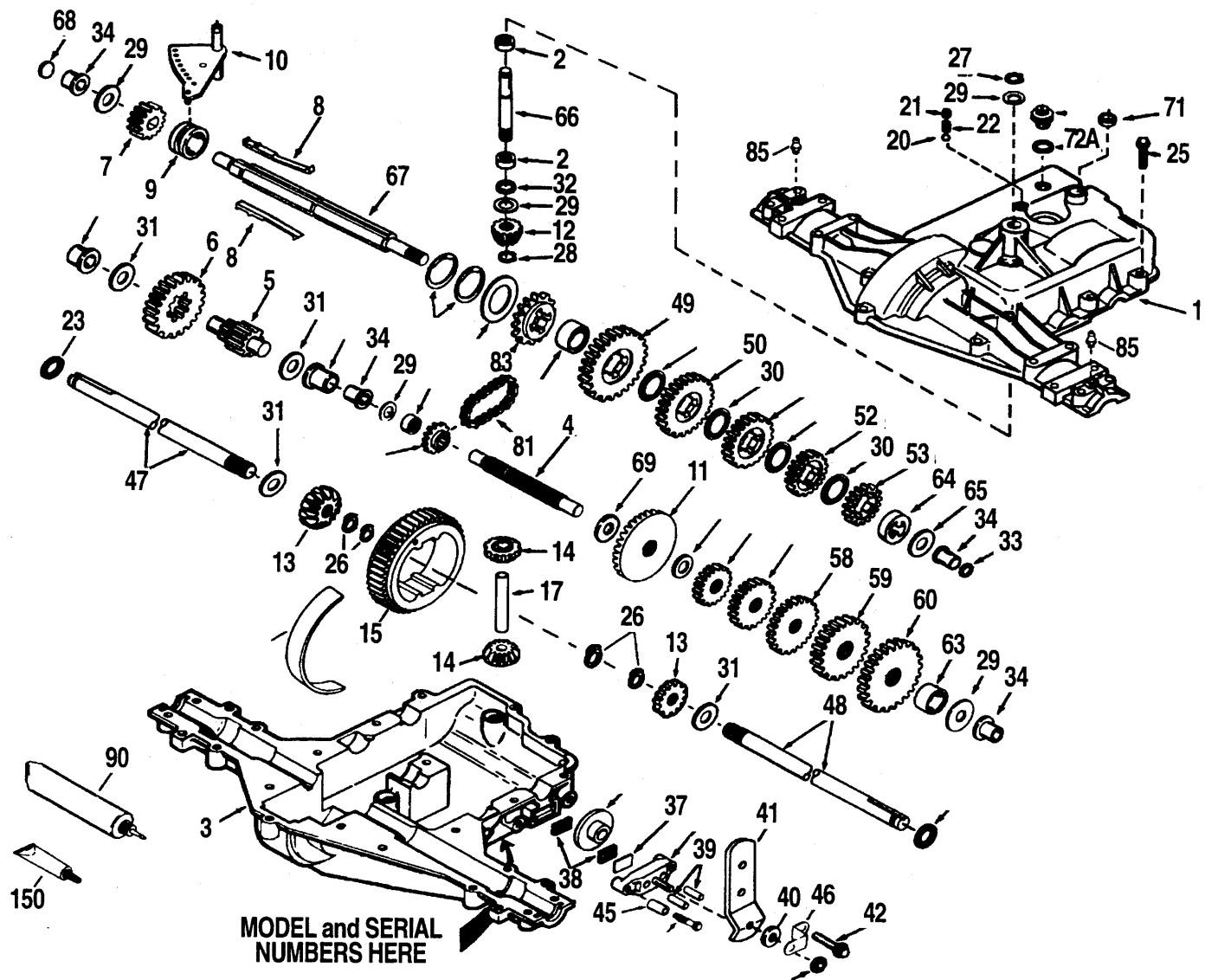
Ref. No. 11



Ref. No. 13



Ref. No. 9



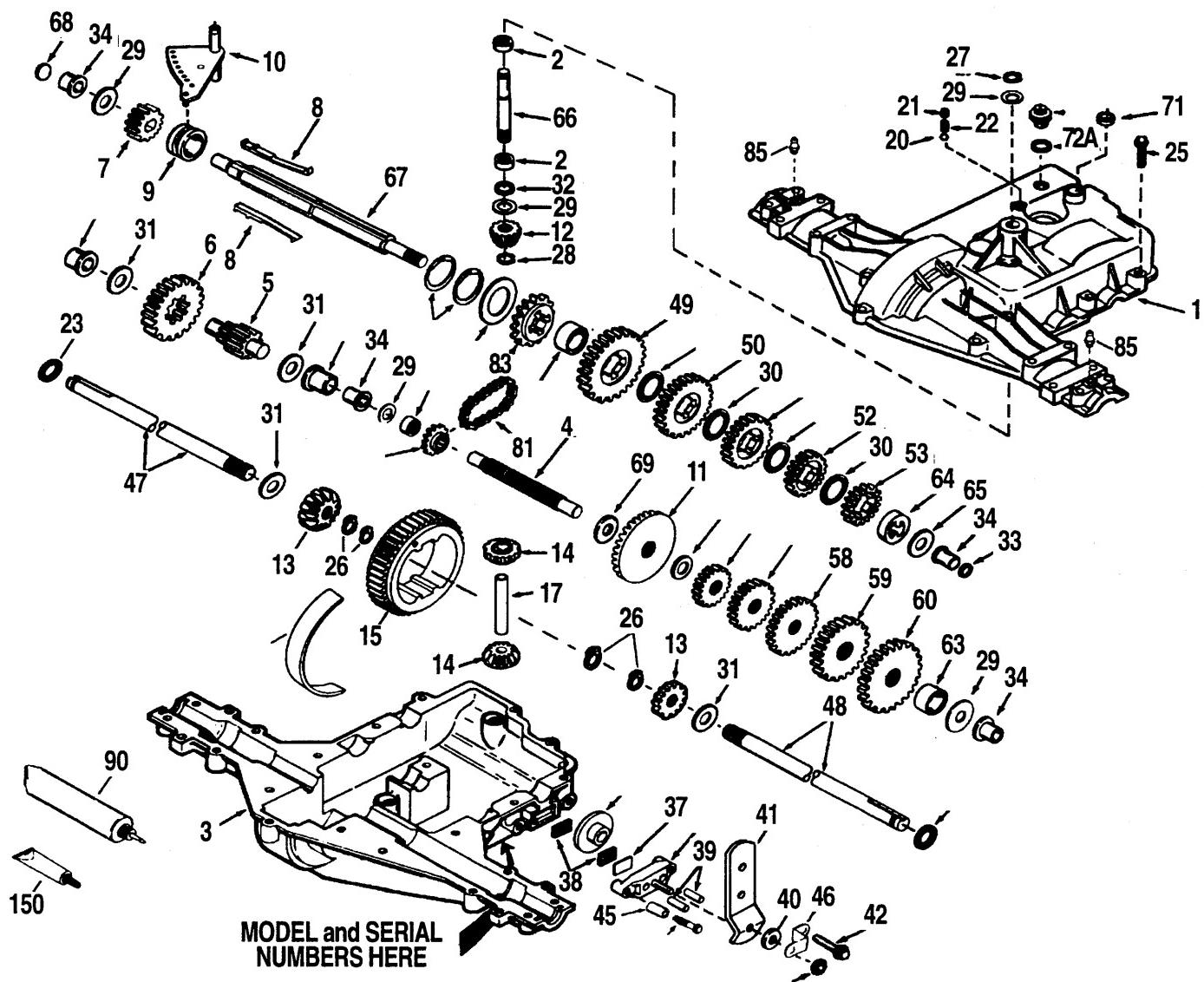
**NOTE:** Unless noted otherwise,  
use the standard hardware  
torque specification chart. See  
the Table of Contents.

REF. NO.	PART NO.	QTY.	DESCRIPTION
1	772107B	1	Transaxle Cover (Incl. 85)
2	780086	2	Needle Bearing
3	770102A	1	Transaxle Case
4	776260	1	Countershaft
5	776219A	1	Output Shaft & Pinion
6	778139	1	Output Gear (35 teeth)
7	778136	1	Spur Gear (15 teeth)
8	792136A	4	Shift Key
9	784352	1	Shift Collar
10	784354	1	Shift Rod & Fork
11	778229	1	Bevel Gear (42 teeth)
12	778113A	1	Input Bevel Pinion
13	778221	2	Bevel Gear (16 teeth)
14	778068	2	Differential Pinion
15	778260	1	Ring Gear
16	786150	1	Bearing Strip
17	786139	1	Drive Pin
18	786102	1	Spacer
20	792077	1	Steel Ball, 5/16" dia.
21	792078	1	Set Screw, 3/8-16 x 3/8"
22	792079	1	Spring
23	788061	2	Seal Ring
25	792073	17	Screw, 1/4-20 x 1-1/4"
26	792125	4	Retaining Ring (pkg. of 2)
27	792035	1	Retaining Ring
28	788040	1	Retaining Ring
29	780072	5	Washer
30	780108	4	Washer
31	780001	4	Washer
32	792001	1	"O" Ring
33	788051	1	Square Cut Ring
34	780105A	4	Flanged Bushing
35	780118A	2	Flanged Bushing
36	790003	1	Brake Disk
37	790007	1	Brake Pad Plate
38	799021	2	Brake Pad (pkg of 2)
39	786026	2	Dowel Pin
40	792076A	1	Washer

Ref. Nos. 41 - 150 are on the following page.

**NOTE:** Refer to I.D. Plate on transaxle to determine model.

**NOTE:** See an authorized Tecumseh dealer for parts and service.



**NOTE:** Unless noted otherwise,  
use the standard hardware  
torque specification chart. See  
the Table of Contents.

REF. NO.	PART NO.	QTY.	DESCRIPTION
41	790019	1	Brake Lever
42	792073	1	Screw, 1/4-20 x 1-1/4"
42A	792085A	1	Screw, 1/4-20 x 2-1/4"
43	792075	1	Locknut, 5/16-24
44	790025	1	Brake Pad Holder
45	786066	1	Spacer
46	786086	1	Brake Lever Bracket
47	774927	1	Axle (11-5/32" long)
48	774869	1	Axle (16-13/16" long)
49	778191	1	Spur Gear (37 teeth)
50	778124A	1	Spur Gear (30 teeth)
51	778123A	1	Spur Gear (25 teeth)
52	778122A	1	Spur Gear (22 teeth)
53	778209	1	Spur Gear (19 teeth)
56	778230	1	Spur Gear (12 teeth)
57	778126A	1	Spur Gear (20 teeth)
58	778127A	1	Spur Gear (25 teeth)
59	778128A	1	Spur Gear (28 teeth)
60	778163	1	Spur Gear (31 teeth)
63	786071	1	Countershaft Spacer
64	786072	1	Output Shaft Spacer
65	780109	1	Washer
66	776135	1	Input Shaft
67	776315A	1	Shifter & Brake Shaft
68	786116	1	Disk
69	780051	2	Washer
70	786118	1	Spacer
71	788069	1	Square Cut Ring
72	792165	1	Threaded Plug, 9/16-18
72A	788091	1	"O" Ring
76	780090	1	Washer
77	788078A	2	Inverted Retaining Ring (pkg. of 2)
81	786062A	1	Roller Chain (No. 41 chain, 22 links)
82	786061	1	Sprocket (10 teeth)
83	786124	1	Reverse Sprocket (14 teeth)
85	792137	2	Lubrication Fitting
90	788067B	1	Grease (32 oz. btl. Bentonite grease)
150	510334	1	Gasket Eliminator (Loctite #515)

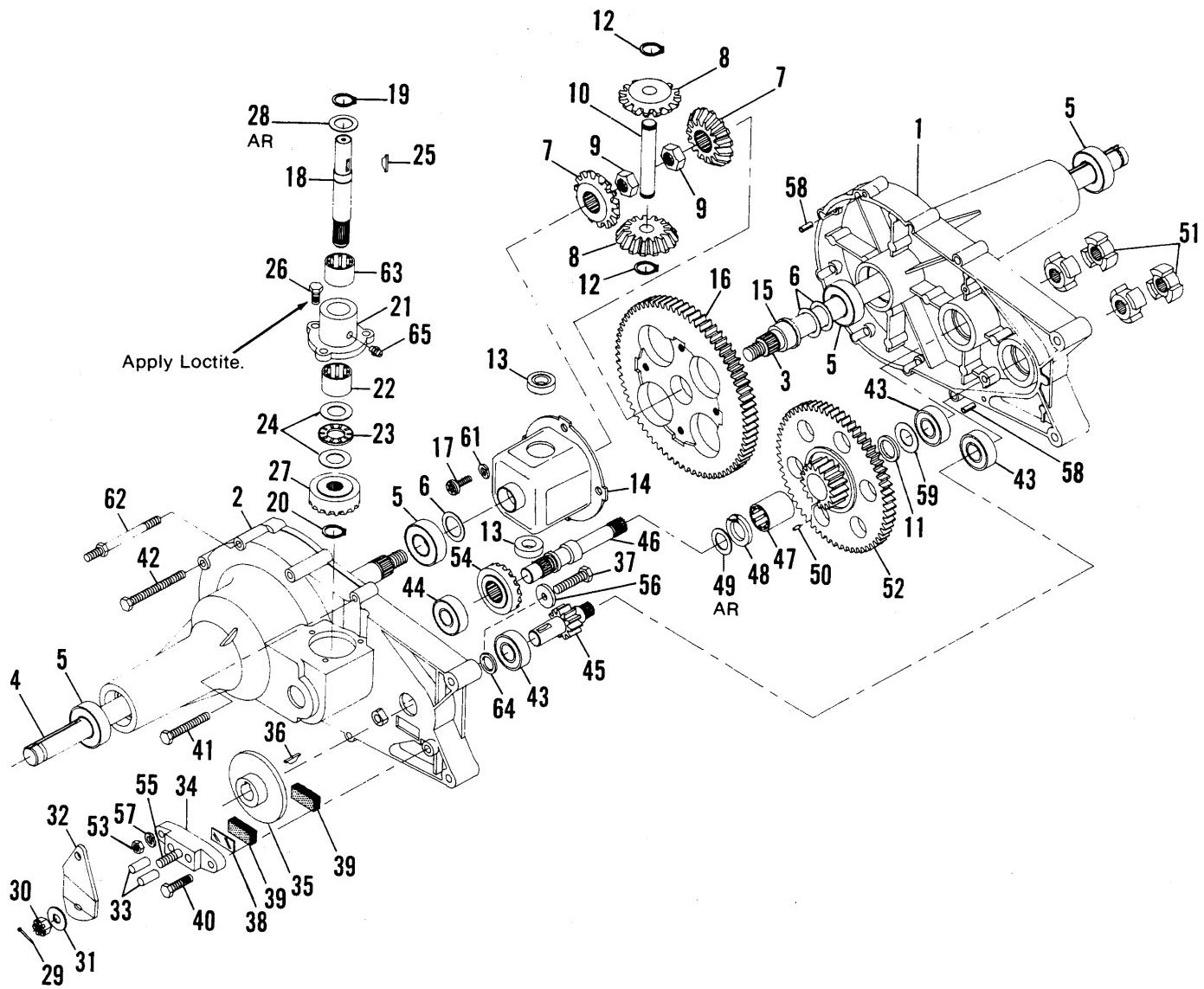
Ref. Nos. 1 - 40 are on the preceding page.

NOTE: Refer to I.D. Plate on transaxle to determine model.

NOTE: See an authorized Tecumseh dealer for parts and service.

**Hydro Transaxle Service Parts - Hydro Gear/Agrifab Model 210-1000**

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## Hydro Transaxle Service Parts - Hydro Gear/Agrifab Model 210-1000

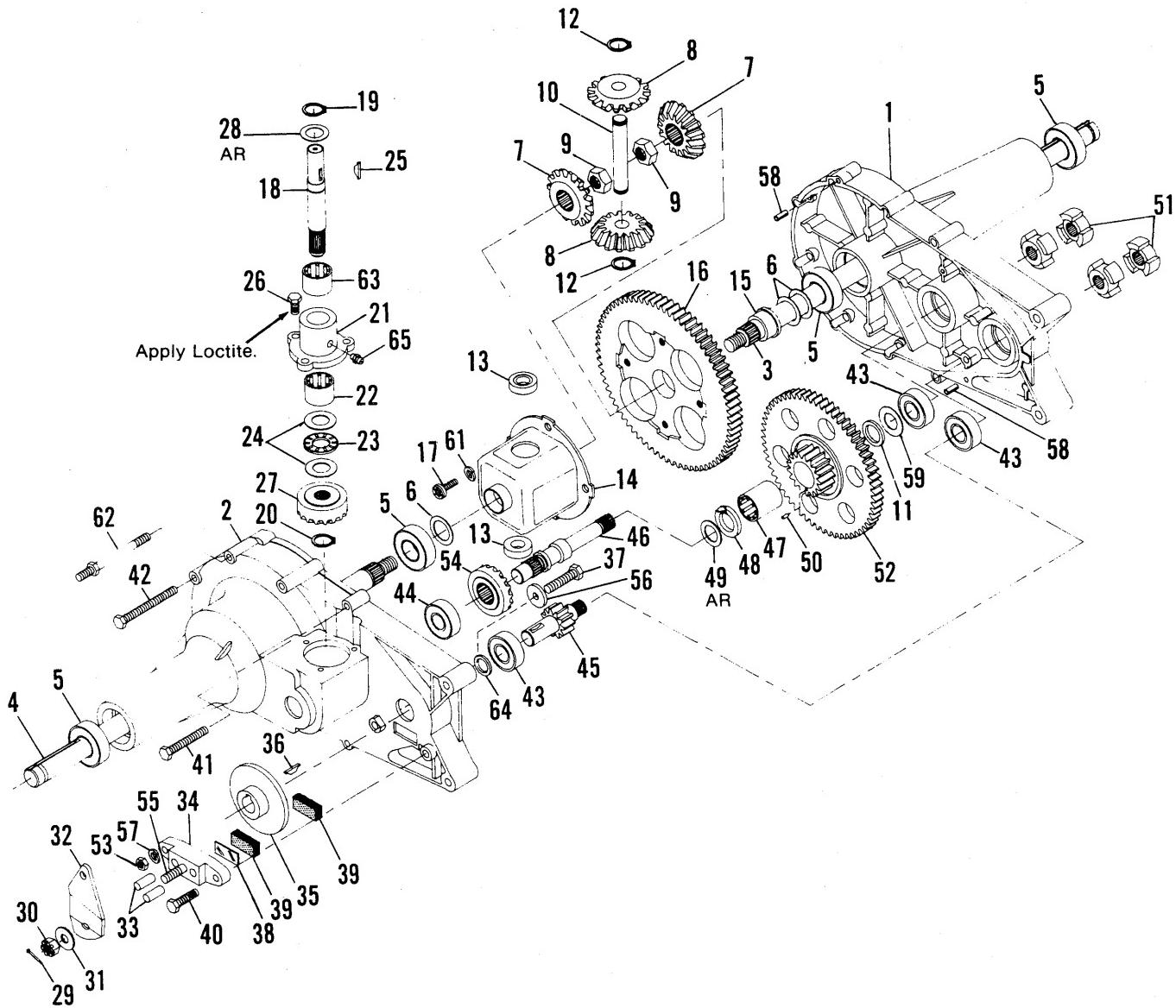
Ref. No.	Part No.	Qty.	Description
1	1706112	1	HOUSING, Half, L.H.
2	1706113	1	HOUSING, Half, R.H.
3	1706114	1	AXLE, L.H., 3/4"
4	1706115	1	AXLE, R.H., 3/4"
5	1706116	4	BEARING, Ball
6	1706117	3	WASHER, Flat, 3/4 I.D. x 1-1/8 O.D. x .030 Thk.
7	1706118	2	GEAR, Miter
8	1706119	2	GEAR, Miter
9	1706120	2	NUT, Hex, Jam w/Patch, 1/2-20
10	1706121	1	SHAFT, Cross
11	1706122	1	GREASE, Seal, Bronze
12	1706123	2	SNAP RING
13	1706124	2	BEARING, Thrust
14	1706125	1	HOUSING ASSY., Differential
15	1706126	1	BEARING, Flange
16	1706127	1	GEAR, Differential, 1/2 Tooth
17	1706128	4	BOLT, Torx Hd., 1/4-29 x 5/8" Lg.
18	1706129	1	SHAFT, Input
19	1706130	1	SNAP RING
20	1706131	1	RETAINING RING, 7/16" Dia. Ext.
21	1706132	1	HOUSING, Input Bearing
22	1706133	1	BEARING, Needle
23	1706134	1	BEARING, Thrust
24	960165	2	WASHER, Flat, 5/8 I.D. x 1-1/8 O.D. x .030 Thk.
25	924819	1	KEY, Hi-Pro, 1/8 x 5/8
26	1960484	3	SCREW, Hex, Socket Hd., 1/4-20 x 3/4 Long
27	1706136	1	GEAR, Input Pinion, 17 Tooth
28	1706137	2	WASHER, Flat, .62 I.D. x 1.0 O.D. x .030 Thk.
	121210	AR	WASHER, Flat, .62 I.D. x 1.125 O.D. x .060 Thk.
	1706138	AR	WASHER, Flat, .62 I.D. x 1.0 O.D. x .040 Thk.
29	1918447	1	PIN, Cotter
30	1706139	1	NUT, Castle, 5/16-24
31	1924874	1	WASHER, Flat, .343 I.D. x .88 O.D. x .062 Thk.
32	1706140	1	ARM, Brake Actuator
33	1706141	2	PIN, Brake Actuating

See pages 60 - 61 for Ref. Nos. 34 - 65.

**NOTE: Transaxle is part of transmission assembly, Hydro Gear/Agrifab Model 219-1010S, Simplicity Part No. 1709251 (page 16 & 17, Ref. No. 1).**

**Hydro Transaxle Service Parts - Hydro Gear/Agrifab Model No. 210-1000**

\*\*2233



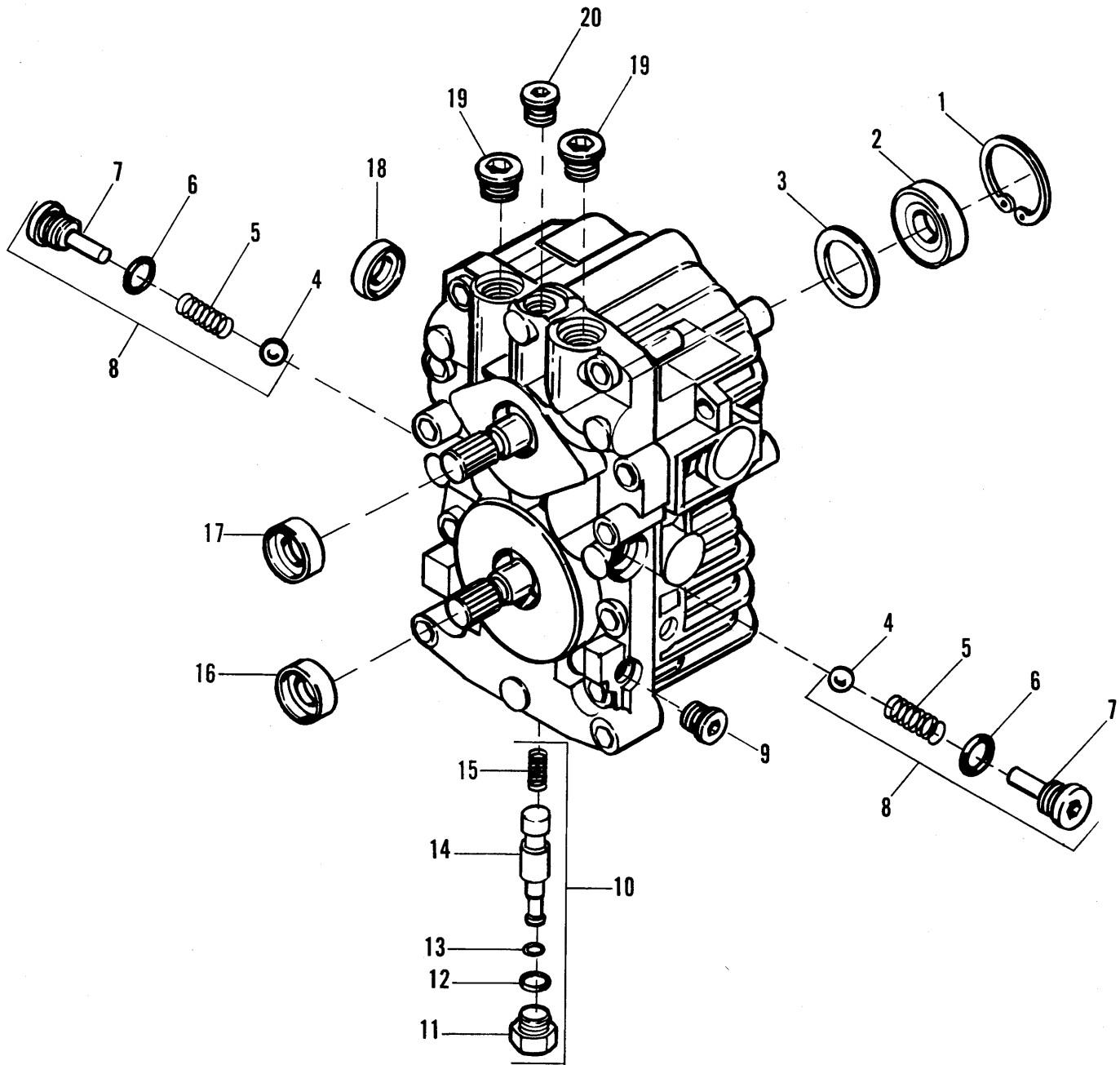
## Hydro Transaxle Service Parts - Hydro Gear/Agrifab Model 210-1000 (continued)

Ref. No.	Part No.	Qty.	Description
34	1706142	1	BRAKE, Yoke
35	1706143	1	DISC, Brake
36	930672	1	KEY, Hi-Pro, 3/16 x 5/8" Dia.
37	1706144	1	SCREW, Hex, 1/4-20 x 1-1/2
38	1706145	1	PLATE, Puck
39	1706146	2	PUCK, Brake
40	1706147	1	SCREW, Hex w/Patch, 1/4-20 x 1.00 Lg.
41	1706148	2	SCREW, Hex, Self-Tap, 1/4-20 x 2.00 Lg.
42	1706149	4	SCREW, Hex, Self-Tap, 1/4-20 x 3.00 Lg.
43	1706150	3	BEARING, Ball
44	1706151	1	BEARING, Ball
45	1706152	1	SHAFT, Pinion w/11 Tooth Gear
46	1706153	1	SHAFT, Drive
47	1706154	1	BEARING, Needle
48	1706155	1	BRONZE THRUST BRG., 5/8 I.D. x 1-1/4 O.D. x 7/64 Thk.
49	1706137	1	WASHER, Flat, .62 I.D. x 1.0 O.D. x .050 Thk.
50	1706156	1	PIN, Dowel, 3/32 x 1/4
51	1706157	4	COUPLING
52	1706158	1	GEAR, 60 and 17 Tooth
53	1916622	1	NUT, Hex, 1/4-20
54	1706159	1	GEAR, Drive Pinion, 17 T.
55	1706160	1	BOLT, Square Head
56	1706161	1	WASHER, 1/4" Spring
57	1916964	1	WASHER, 1/4" Spring Lock
58	1706162	2	PIN, Roll, 3/16" Dia. x 1/2" Lg.
59	960165	1	WASHER, Flat, .62 I.D. x 1.0 O.D. x .030 Thk.
60	1706163	1	SHELL DURINA-O GREASE (20 Oz. Tube)
61	1706171	4	WASHER, Hd. Sprg. Lock, 1/4" (Yellow Di-Chrom)
62	1706164	2	SCREW/STUD
63	1706165	1	BEARING, Needle (w/Seal)
64	1706166	1	SEAL, Grease
65	912808	1	GREASE FITTING

See pages 58 - 59 for Ref. Nos. 1 - 33.

*Hydro Pump Service Parts- Sunstrand Model BDU-10S-114*

\*\*2229



**NOTE:** Use standard hardware  
torque spec. chart unless  
otherwise noted.

Mfg. Nos. 1692156, 1692164

**Hydro Pump Service Parts- Sunstrand Model BDU-10S-114**

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Ref. No.	Part No.	Qty.	Description
*1	1706174	1	RETAINING RING
*2	1706173	1	LIP SEAL
*3	1706172	1	SPACER
4	1706184	2	BALL
5	1706185	2	SPRING
*6	1706183	2	O-RING (.078 x .468)
7	1706182	2	CHECK VALVE PLUG
8	1706181	2	CHECK VALVE KIT (Incl. Ref. Nos. 4-7)
9	1706176	1	PIPE PLUG
10	1706186	1	BY PASS VALVE KIT (Incl. Ref. Nos. 11-15)
11	1706190	1	BY PASS PLUG
*12	1706187	1	O-RING (.072 x .351)
*13	1706191	1	O-RING
14	1706189	1	BY PASS SPOOL
15	1706188	1	SPRING
*16	1706177	1	LIP SEAL, Motor
*17	1706178	1	LIP SEAL, Pump
*18	1706175	1	LIP SEAL
19	1706179	2	O-RING BOSS PLUG, 9/16-18 Str. Thd., Socket Hd.
20	1706180	1	O-RING BOSS PLUG, 7/16-20 Str. Thd., Socket Hd.

\*The indicated parts are included in the Overhaul Seal Kit 1706192.

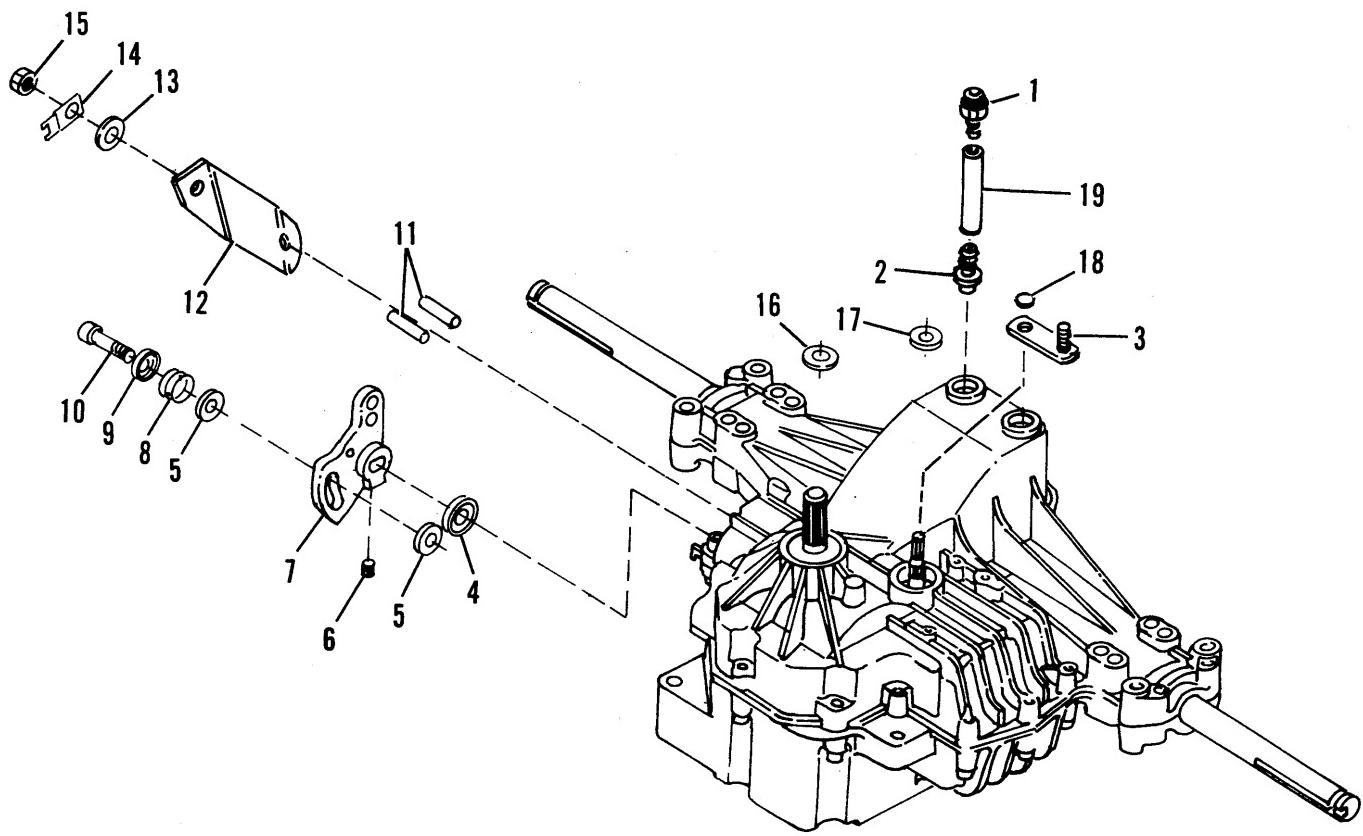
**NOTE: Simplicity Brand 30W SC/CC Detergent Engine Oil is recommended for use in this hydro pump. (Case 12 Qts. - Part. No. 1685659)**

**NOTE: Hydro pump is part of transmission assembly, Hydro Gear/Agrifab Model 219-1010S, Simplicity Part No. 1709251 (page 16 & 17, Ref. No. 1).**

*Hydro Transaxle Service Parts - Hydro Gear Model 318-0500*

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\*\*2495



Mfg. Nos. 1692259, 1692263

Hydro Transaxle Service Parts - Hydro Gear Model 318-0500

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Ref. No.	Part No.	Qty.	Description
1	1713323	1	VENT PLUG
2	1713324	1	FITTING, Vent Plug
3	1709907	1	ARM, Bypass
4	1709908	1	SEAL
5	1709909	2	PUCK, Dampener
6	1709910	1	SETSCREW
7	1709911	1	ARM, Control
8	1709912	1	SPRING
9	1709913	1	CUP WASHER
10	1709914	1	SCREW, Soc. Hd.
11	1709915	2	ACTUATOR PIN
12	1713370	1	ARM, Brake
13	1709917	1	WASHER, 7/16 x 7/8 x 1/16
14	1709918	1	LOCKING STRAP
15	1709919	1	NUT, Hex, Lock, 5/16 x 24
16	1709920	1	SEAL, Lip
17	1709921	1	SEAL, Lip
18	1709922	1	RING, Retaining
19	1713322	1	VENT TUBE



## Notes

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# Hardware Identification & Torque Specifications

## Common Hardware Types

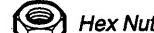
Hex Head Capscrew



Carriage Bolt



Lockwasher



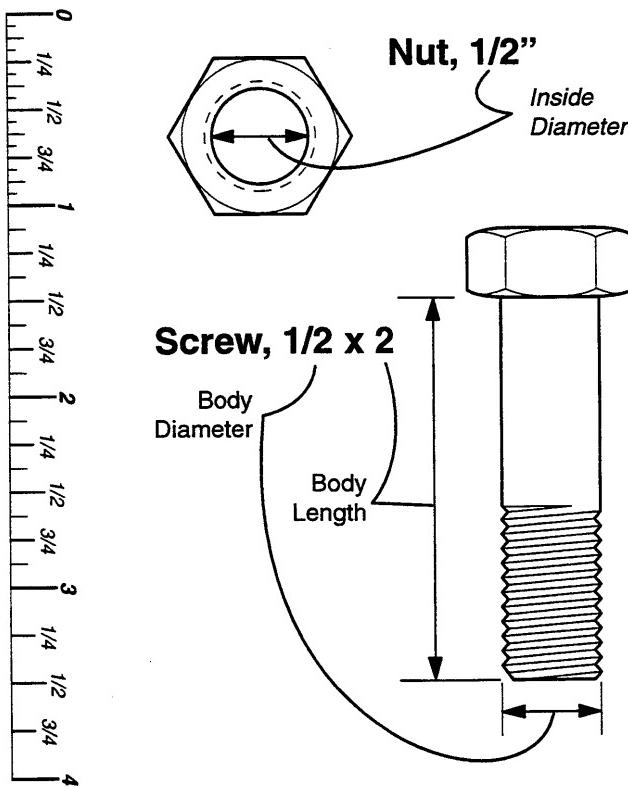
Hex Nut

## Standard Hardware Sizing

When a washer or nut is identified as  $1/2''$ , this is the *Nominal size*, meaning the *inside diameter* is  $1/2$  inch; if a second number is present it represent the *threads per inch*

When bolt or capscrew is identified as  $1/2 - 16 \times 2''$ , this means the *Nominal size*, or *body diameter* is  $1/2$  inch; the second number represents the *threads per inch* (16 in this example), and the final number is the *body length* of the bolt or screw (in this example 2 inches long).

**The guides and ruler furnished below are designed to help you select the appropriate hardware and tools.**



## Torque Specification Chart

FOR STANDARD MACHINE HARDWARE (Tolerance  $\pm 20\%$ )

Hardware Grade	No Marks		SAE Grade 2		SAE Grade 5		SAE Grade 8	
	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.
8-32	19	2.1	30	3.4	41	4.6		
8-36	20	2.3	31	3.5	43	4.9		
10-24	27	3.1	43	4.9	60	6.8		
10-32	31	3.5	49	5.5	68	7.7		
1/4-20	66	7.6	8	10.9	12	16.3		
1/4-28	76	8.6	10	13.6	14	19.0		
5/16-18	11	15.0	17	23.1	25	34.0		
5/16-24	12	16.3	19	25.8	27	34.0		
3/8-16	20	27.2	30	40.8	45	61.2		
3/8-24	23	31.3	35	47.6	50	68.0		
7/16-14	30	40.8	50	68.0	70	95.2		
7/16-20	35	47.6	55	74.8	80	108.8		
1/2-13	50	68.0	75	102.0	110	149.6		
1/2-20	55	74.8	90	122.4	120	163.2		
9/16-12	65	88.4	110	149.6	150	204.0		
9/16-18	75	102.0	120	163.2	170	231.2		
5/8-11	90	122.4	150	204.0	220	299.2		
5/8-18	100	136	180	244.8	240	326.4		
3/4-10	160	217.6	260	353.6	386	525.0		
3/4-16	180	244.8	300	408.0	420	571.2		
7/8-9	140	190.4	400	544.0	600	816.0		
7/8-14	155	210.8	440	598.4	660	897.6		
1-8	220	299.2	580	788.8	900	1,244.0		
1-12	240	326.4	640	870.4	1,000	1,360.0		

### NOTES

- These torque values are to be used for all hardware excluding: locknuts, self-tapping screws, thread forming screws, sheet metal screws and socket head setscrews.
- Recommended seating torque values for locknuts:
  - for prevailing torque locknuts - use 65% of grade 5 torques.
  - for flange whizlock nuts and screws - use 135% of grade 5 torques.
- Unless otherwise noted on assembly drawings, all torque values must meet this specification.

## Wrench & Fastener Size Guide



1/4" Bolt or Nut  
Wrench—7/16"



5/16" Bolt or Nut  
Wrench—1/2"



3/8" Bolt or Nut  
Wrench—9/16"



7/16" Bolt or Nut  
Wrench (Bolt)—5/8"  
Wrench (Nut)—11/16"



1/2" Bolt or Nut  
Wrench—3/4"

**Simplicity**

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